

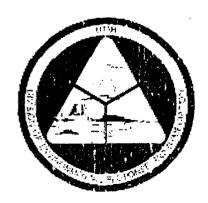
SITE INSPECTION ANALYTICAL RESULTS REPORT

BUSHNELL GENERAL HOSPITAL

Box Elder County, Utah UTN000802148

Utah Department of Environmental Quality
Division of Environmental Response and Remediation
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Note: The terms "ground water" and "ground-water" are both used in this text. When the term is a noun, the two word form is used (i.e. "ground water"). When used as an adjective, (e.g., "ground-water flow", "ground-water contamination", "ground-water pathway", etc.) the hyphenated form is used. When used as an adjective, it is a compound adjective (i.e., "ground" modifies "water" and "ground-water" modifies the term that follows) so the rules of grammar dictate that it be hyphenated. To be consistent, the terms "surface water" and "surface-water" are handled in a similar manner.

1.0 INTRODUCTION

The Bushnell General Hospital (CERCLIS ID# UTN000802148) is located in Brigham City, Box Elder County, Utah, approximately 60 miles north of Salt Lake City (Figure 1). The site was the location of the Bushnell General Hospital from 1942 to 1946. This facility was a military hospital used to treat personnel injured during World War II. From 1950 to 1984, the facility was the home of the Intermountain Indian School. Brigham City took ownership of the site for a period of time since 1984. Brigham City constructed a golf course on part of the property and now the remaining portion of the facility is under private development. The Bushnell General Hospital is also listed as a Formerly Used Defense Site (FUDS ID# J08UT0040).

The purpose of this Site Inspection is to gather information to determine if further action is warranted at the Bushnell General Hospital site. The Site Inspection was conducted under the authorities of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) of 1980, the Superfund Amendments and Reauthorization Act (SARA) of 1986, in accordance with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP), and through a Cooperative Agreement between the U.S. Environmental Protection Agency, Region VIII (EPA), and the Utah Department of Environmental Quality (UDEQ), Division of Environmental Response and Remediation (DERR). The purpose of this report is to document field procedures and to present the results from the sampling and data collection procedures. Samples were submitted to and analyzed through the Contract Laboratory Program (CLP) of the EPA. A Site Inspection Data Summary was completed as part of this Site Inspection and is included in Appendix A.

2.0 OBJECTIVES

The scope of sampling involved the installation of 6 wells. A total of 7 ground-water samples were collected (1 from each of these wells, plus a field duplicate). Additionally, 4 trip blanks, 2 decontamination blanks, and 1 field blank were collected and specified as ground-water samples. In all, 7 blanks and 7 ground-water samples (including 1 duplicate sample) were collected.

Surface water was collected from water features on the golf course, including a canal and ponds. A total of 5 surface-water samples were collected.

Soil samples were collected from the surface (0-6) inches below ground surface (bgs)) and the subsurface (12-14) inches bgs) at each of the 6 well boreholes and at 16 other locations around the site. Additionally, deep soil samples were collected from various depths from the boreholes drilled for the wells. All totaled, 23 surface soil samples (including 1 duplicate sample), 23 subsurface soil samples (including 1 duplicate sample), and 11 deep soil samples (including 1 duplicate sample) were collected.

All collected samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), poly chlorinated bi-phenyls (PCBs)/pesticides, and total metals,

with the exception of surface soils which were not analyzed for VOCs. Additionally, the VOC portions of 2 of the deep soil samples were inadvertently not collected.

In addition, 18 other soil samples were collected (from different locations than the samples mentioned previously). These samples were biased and were analyzed for asbestos.

The purpose of the sampling event was to determine if hazardous constituents are present and to determine if they pose a threat to human health and the environment.

The sampling event included the following objectives:

- To determine present site conditions, including the presence/absence of hazardous materials;
- The evaluation of human and environmental targets in the vicinity of the site; and
- To determine if the site should be considered for National Priorities List (NPL) inclusion.

Alan V. Jones was the only DERR representative involved with field work during this Site Inspection. Jerry Cross of the EPA was the other member of the field crew. EPA procured the driller and was on site for the entire field effort.

No attempt was made during this Site Inspection to determine the nature and extent of the contamination present in this area or to define the boundaries of the site. Typically, under CERCLA, the "site" is defined by where the contamination is located, with no respect to property boundaries.

3.0 SITE DESCRIPTION

3.1 Site Location and Description

The site is located at an approximate elevation of 4,400 feet above mean sea level on the south side of Brigham City, Utah. The former Bushnell Hospital is approximately bounded on the west by Main Street, on the south by U.S. Highway 89/91, on the east by the Perry and Ogden-Brigham Canals, and on the north by 700 South Street. The geographic coordinates are 41°29' 40" North Latitude and 112°0' 30" West Longitude.

3.2 Site History and Previous Work

The Bushnell General Hospital (BGH) was activated per General Order Number 78, Headquarters Ninth Service Command, dated August 13, 1942, and was designated as Service Command Unit Number 1977. Construction on the BGH began in March 1942, and was completed in June 1943, with the first patients admitted on October 10, 1942. The BGH had a rated capacity of 3,277 beds and was one of the largest hospitals in the United States. Approximately 13,000 patients were treated during the four years it was in operation. The BGH

became the West Coast Center for plastic and maxillofacial surgery, neurosurgery, amputation, penicillin therapy, malaria therapy, and neuropsychiatric care. It was not only a general hospital, but it functioned as a regional hospital for numerous military installations in the area.

The BGH was constructed on agricultural land adjacent to the incorporated boundary lines of Brigham City. Several pre-existing buildings remained on the property after the BGH was constructed and were renovated for use. Approximately 50 acres of peach, apricot, cherry, apple, pear, plum, and walnut trees remained on-site.

The BGH consisted of 180 buildings and was designated as three separate groups: the hospital proper, the field-training unit, and the prisoner-of-war camp. The hospital proper was located in the central portion of the BGH. The hospital proper was comprised of clinics, administration buildings, wards, quarters, barracks, laboratories, recreations areas, kitchens, a morgue, etc. In addition to these buildings, there were also a laundry, dry cleaning plant, coal-fueled steam heating plant, incinerator, gas station, underground storage tanks, sewage disposal plant, and a number of maintenance shops.

The field training-unit was located along the northern portion of the BGH and included approximately 40 barracks type structures, which were added in 1943. This area was used to train enlisted personnel assigned to the BGH. The field training-unit was comprised of a gas chamber, sanitary devices, and an obstacle course.

The prisoner-of-war camp was located along the southern portion of the BGH and was used for German and Italian prisoners of war. This area consisted of 16 buildings and a stockade. It was reported that the Prisoner of War Camp housed approximately 400 prisoners at one time (Tetra Tech, 2004).

Upon closure of the BGH in 1946, it was transferred from the War Assets Department to the Department of the Interior, Bureau of Indian Affairs for use as a boarding school for young Native American Indians on July 1, 1949. The Intermountain School (IMS) occupied 115 former BGH buildings mostly in the approximately 170-acre area of the hospital proper. A few additional buildings were built in the 1950s. The IMS was initially for Navajo students, but in the late 1970s began accepting students from other tribes. Classes at the IMS ranged from traditional elementary through high school classes to vocational training (Tetra Tech, 2004).

Upon the closure of the IMS in 1984, legislation was signed by President Reagan to officially transfer ownership of the property from the Department of the Interior, Bureau of Indian Affairs to Brigham City Corporation on August 28, 1984. Since that time, Brigham City developed an 18-hole golf course and entered into agreements with private developers to utilize the site for mixed commercial and residential use. During construction of the golf course, buried ash and human bones were reportedly found on the southeast side of the BGH (Tetra Tech, 2004). Currently, many of the original buildings have been renovated for use as town-houses and apartments. Single-family dwellings have also been constructed. Demolition of many of the original buildings is in progress (Murdock, 2006).

4.0 FIELD ACTIVITIES

"Grant of Access to Property" forms were obtained from property owners by previous project managers. These are included as Appendix B.

Field work (well installation and sample collection) was conducted between April 23 and May 5, 2007. EPA hired a contractor to install 6 wells, and the Trip Report for their activities is included as Appendix C. While those wells were being installed and developed, soil (including asbestos soil samples) and surface-water samples were collected. Upon completion of well installation ground-water samples were collected.

A Field Activities Report which details the sample collection activities is included as Appendix D. Photos were taken of each of the sample sites at the time of sampling. A log of these photos is included as Appendix E.

4.1 Deviations from the Work Plan

Several changes were made to the Work Plan (Murdock, 2006). These changes were documented in the Work Plan Addendum (Jones, 2007). No significant changes were made beyond those addressed in the Work Plan Addendum.

4.2 Quality Assurance/Quality Control

During the sampling trip, documentation procedures included the completion of all CLP forms, tags, and sample seals as required for routine analytical services (RAS) using Forms II Lite, an EPA-developed software package. Strict chain-of-custody was maintained and chain-of-custody forms were filled out completely and accompanied shipments to the laboratory. Copies of these forms are included as Appendix F. The organic and inorganic samples were hand-delivered to Datachem Laboratories, Inc., in Salt Lake City, Utah, as per CLP instructions. The soil samples collected for asbestos analysis were hand-delivered to Dixon Information, in Salt Lake City, Utah, for analysis.

The Work Plan Addendum called for the collection of 1 field duplicate ground-water sample, BGH-GW-06 (duplicate of BGH-GW-05). Three soil samples were also duplicated: BGH-SF(0.5)-56 was collected as a duplicate of BGH-SF(0.5)-74, BGH-SB(2)-56 was collected as a duplicate of BGH-SS(20)-57 was collected as a duplicate of BGH-SS(20)-51.

Soil samples BGH-SB(2)-73, BGH-SB(2)-62, BGH-SB(2)-52, BGH-SS(20)-55, surface-water sample BGH-SW-24, and ground-water sample BGH-GW-02 were submitted for internal laboratory quality control.

One field blank (BGH-GW-07) was submitted. The field blank was prepared in the field by filling a set of sample jars with deionized water in the field setting. The field blank was analyzed for VOCs, SVOCs, PCBs/pesticides, and total metals.

Two decontamination blanks were prepared and submitted to the laboratory by pouring deionized water over sample equipment after the equipment had been decontaminated. Decontamination blank BGH-GW-08 was collected from the bladder pump used to collect ground-water samples. Decontamination blank BGH-GW-27 was collected from the sampler used to collect surface and subsurface soil samples. The decontamination blanks were analyzed for VOCs, SVOCs, PCBs/pesticides, and total metals.

Four trip blanks (BGH-GW-10, BGH-GW-11, BGH-GW-12, and BGH-GW-13) were submitted to the laboratory for analyses. These blanks were prepared prior to going to the field by filling sample containers with deionized water. A trip blank remained in each ice chest where VOA samples were held and accompanied the samples to the laboratory. The trip blanks were analyzed only for VOCs.

The constituents detected in blank samples are summarized on Table 1. The VOCs acetone and methylene chloride were detected in all blank samples. These are chemicals commonly used in laboratories and the source of the water used for the blanks may contain these constituents. Additionally, the VOCs carbon disulfide, 2-butanone, chlorobenzene, and styrene were detected in blank samples, but none at concentrations that exceeded benchmark concentrations.

Acetophenone was the only SVOC detected in blank samples and it was detected in the 2 decontamination blanks at $0.89 \mu g/L$ and $0.74 \mu g/L$. There are no benchmark concentrations listed for this constituent. Trip blanks were not analyzed for SVOCs.

Five pesticides (heptachlor, heptachlor epoxide, dieldrin, endrin aldehyde, and gamma-chlordane) were detected in blank samples. PCBs were not detected in blank samples. All detections were below benchmark concentrations. The fact that a large portion of the property formerly occupied by the Bushnell Hospital is now a golf course makes the presence of pesticides likely. Again, trip blanks were not analyzed for PCBs/pesticides.

Eight metals (antimony, barium, chromium, copper, lead, manganese, nickel, and zinc) were detected in field and decontamination blank samples. Each detected metal was at least 2 orders of magnitude below benchmark concentrations. Trip blanks were not analyzed for total metals.

The results of the sample analyses were not validated. The EPA project manager elected not to have the data validated, instead using the results only as screening data. The data sheets showing the un-validated results are included as Appendix G.

5.0 WASTE/SOURCE CHARACTERISTICS

Wastes on-site could vary depending on the area or process from which they originated. According to historical information the BGH was constructed on agricultural land. Pesticides and fertilizers were more likely to be used before construction of the hospitals and after development of the golf course than during operation of the hospital.

During the time that the BGH operated at the site, a steam plant, brace shop, a gasoline station, a laundry facility, an incinerator, a sewage treatment plant and lagoons, a paint shop and paint storage shed, a dry cleaner, a carpenter shop, a flammable materials building, an auto repair shop, a post engineer fuel shed, a grease shed, a fire experimental area, and a burn pit were located on-site (Tetra Tech, 2004). Wastes that could be encountered include: solvents, dioxin, fuels, lubricants, metals, etc.

6.0 GROUND-WATER PATHWAY

6.1 Hydrogeology

Ground water in the lower Bear River drainage basin occurs in a well defined 2 aquifer system with a principal confined aquifer and a shallow unconfined aquifer. The principal system is complex and includes both confined and unconfined aquifers (Bjorklund and McGreevy, 1974).

Aquifer materials vary from silt, sand, and gravel to fractured consolidated rock. Transmissivity values of the principal aquifer range from 2,000 to 140,000 square feet per day. Although perched aquifers are important sources of water, they are generally small and discontinuous and occur locally along the west side of the Wellsville Mountains (Bjorklund and McGreevy, 1974). Confining layers in the unconsolidated sediments are typically clay and silt which generally increase toward the center of the valley (USGS, 1994).

The primary recharge areas are along the mountain fronts and include basin-fill deposits and consolidated rock. The Wellsville Mountains in the southern part of the drainage basin do not have broad alluvial fans or wide benches at the mountain front and fine-grained lake sediments were deposited near the mountain front creating numerous confining layers. The secondary recharge area is narrow and absent in this part of the study area (USGS, 1994). Recharge occurs from precipitation, surface water, and from water that moves into the drainage basin as subsurface inflow (Bjorklund and McGreevy, 1974). The general direction of groundwater flow is from the mountain fronts west to the Malad and Bear Rivers and then south toward the Great Salt Lake (USGS, 1994).

6.2 Targets

Twenty-three wells belonging to four municipal water systems and one private entity are located within 4 miles of the site. Of the 23 wells listed, only 18 are currently in use. These 18 wells deliver water to a combined population of approximately 19,865 (Murdock, 2006). The nearest public drinking water source, which is currently in use, is well number 11 (Intermountain Well #2) that is located on-site. An additional 1,318 ground-water points-of-diversion were also identified within 4 miles of the site, some of which are listed for domestic and municipal use (Murdock, 2006). Many of these wells are likely no longer in use; however their exact status was not determined for this report.

6.3 Sample Locations

Samples were collected from 6 wells drilled for this Site Inspection. Additionally, a duplicate sample was collected. All sample locations are shown on Figure 2.

6.4 Analytical Results

As specified by the Hazard Ranking System (HRS), analytical results from field samples are typically compared to analytical results from background sample(s) and to sample quantitation limits (SQL) for determining observed releases. The criteria for determining an observed release is as follows:

- 1. If the background concentration is not detected, an observed release is established when the sample concentration equals or exceeds the sample quantitation limit; or
- 2. If the background concentration equals or exceeds the detection limit, an observed release is established when the sample concentration "significantly exceeds" the background concentration. Generally, "significantly exceeds" is defined to be situations where the sample concentration exceeds the background concentration by 3 times (EPA, 1990).

Analytical results from the field samples are also compared to screening standards in an attempt to determine risk. The benchmark data from the Superfund Chemical Data Matrix (SCDM) are the accepted benchmark values (EPA, 2004). There are 3 benchmark values applicable to ground water, and the lowest (i.e. most conservative) is the one used by the HRS. The 3 applicable benchmarks are: 1) Maximum Contaminant Levels/Maximum Contaminant Level Goals (MCL/MCLG), 2) Cancer Risk Screening Concentrations (CRS), and 3) Reference Dose Screening Concentration for Non-Cancer Toxicological Responses (RfDS).

6.4.1 Results for Volatile Organic Compounds in Ground Water Only 2 of the 52 VOCs analyzed for were detected. A list of the 52 VOCs analyzed for, along with their associated benchmark values are presented in Table 2. The un-validated laboratory data package is included as Appendix G.

Methylene chloride was detected in 3 of the 7 ground-water samples (BGH-GW-03, BGH-GW-04, and BGH-GW-06) in concentrations of 0.13 μ g/L or 0.14 μ g/L. The lowest SCDM benchmark concentration (MCL/MCLG) is 5.0 μ g/L. No observed releases for methylene chloride were documented.

1,1,2-Trichloro-1,2,2-trifluoroethane was detected in the background sample (BGH-GW-00) at $0.26 \mu g/L$. There are no benchmark concentrations for this constituent.

No other VOCs were detected in ground-water samples.

6.4.2 Results for Semi-Volatile Organic Compounds in Ground Water Only 1 of the 67 semi-volatile organic compounds (SVOCs) analyzed for were detected. A list of the 67 VOCs

analyzed for, along with their associated benchmark values are presented in Table 3. The unvalidated laboratory data package is included as Appendix G.

The SVOC bis(2-ethylhexyl)phthalate was detected in 3 samples (BGH-GW-00, BGH-GW-03, and BGH-GW-06) in concentrations ranging from 0.43 μ g/L to 0.48 μ g/L. This compound has a benchmark (MCL/MCLG) of 6 μ g/L.

6.4.3 Results for PCBs in Ground Water No PCBs (of 9 analyzed for) were detected in ground-water samples at the site. A list of the 9 PCBs analyzed for, along with their associated benchmark values are included in Table 4. The un-validated laboratory data package is included as Appendix G.

6.4.4 Results for Pesticides in Ground Water Four pesticides (of 21 analyzed for) were detected at the site. A list of the 21 pesticides analyzed for, along with their associated benchmark values are presented in Table 4. The un-validated laboratory data package is included as Appendix G.

The compound gamma-BHC was detected in sample BGH-GW-04 at 0.0031 μ g/L. This compound has a benchmark (CRS) of 0.0.014 μ g/L.

Dieldrin was detected in sample BGH-GW-02 at 0.0017 μ g/L. The benchmark (CRS) for Dieldrin is 0.0053 μ g/L.

Endrin was detected in ground-water sample BGH-GW-00 at 0.0088 μ g/L. The MCL/MCLG concentration for Endrin is 2 μ g/L. The pesticide, gamma-Chlordane was also detected in this sample at 0.0019 μ g/L. The benchmark (CRS) for gamma-Chlordane is 0.24 μ g/L.

6.4.5 Results for Total Metals in Ground Water A summary of the total metals results, including their associated benchmark values are presented in Table 5. The un-validated laboratory data package is included as Appendix G.

Compounds that are reported in the total metals analysis occur naturally, as opposed to organic compounds (i.e., VOCs, SVOCs, PCBs, and pesticides), the majority of which are manmade. Thus, compounds reported in the total metals analysis typically are detected in more abundance than organic compounds. Additionally, total metals analytical results are reported not only for analytes that might be of potential health concern, but also for a number of chemicals that are normal constituents of the human body and that are required for good health. These chemicals include aluminum, calcium, magnesium, potassium, sodium, and iron. These beneficial nutrients occur widely in food, water, and soil but exposure to these chemicals is generally not of concern. Furthermore, the laboratory did not provide analysis for these constituents.

Antimony was detected in 5 of the 7 ground-water samples in concentrations ranging from 0.086 μ g/L (in sample BGH-GW-06) to 0.3 μ g/L (in sample BGH-GW-02). There were no observed releases of antimony in ground water. SCDM lists a benchmark (MCL/MCLG) of 6 μ g/L for antimony in ground water.

Arsenic was detected in all 7 ground-water samples at concentrations ranging from 0.21 μ g/L (in sample BGH-GW-01) to 2 μ g/L (in sample BGH-GW-03). None of the samples met the criteria for observed releases of arsenic. SCDM lists a benchmark of 0.057 μ g/L (CRS) so all 7 arsenic detections in ground water exceeded this benchmark.

Barium was detected in all 7 samples in concentrations ranging from 42.9 μ g/L (in sample BGH-GW-03) to 103 μ g/L (in sample BGH-GW-01). There were no observed releases of barium in ground water. The benchmark (MCL/MCLG) for barium is 2,000 μ g/L and this was not exceeded in any of the samples.

Beryllium was detected in the background sample (BGH-GW-00) at 0.12 μ g/L. As this was the only detection, no observed releases for beryllium occurred. The benchmark (MCL/MCLG) for beryllium is 4 μ g/L.

Cadmium too, was only detected in the background sample (BGH-GW-00) at $0.048 \mu g/L$, so there were no observed releases. The benchmark (MCL/MCLG) for cadmium is $5.0 \mu g/L$.

Chromium was detected in all 7 of the ground-water samples at concentrations ranging from 0.86 μ g/L (in sample BGH-GW-03) to 9 μ g/L (in the background sample BGH-GW-00). Since the greatest concentration was in the background sample, none of the samples met the criteria for an observed release of chromium. SCDM lists a benchmark of 100 μ g/L (MCL/MCLG).

Cobalt was also detected in all 7 of the samples in concentrations ranging from 0.18 μ g/L (in sample BGH-GW-02) to 3.3 μ g/L (in the background sample BGH-GW-00). No observed releases of cobalt occurred and SCDM gives no benchmark values for cobalt in ground water.

Copper was detected in all 7 of the ground-water samples at concentrations ranging from 0.21 μ g/L (in sample BGH-GW-03) to 6.1 μ g/L (in the background sample BGH-GW-00). There were no observed releases of copper and SCDM lists a benchmark of 1300 μ g/L (MCL/MCLG).

Lead was detected in 5 of the 7 samples at concentrations ranging from 0.039 μ g/L (in sample BGH-GW-02) to 3.5 μ g/L (in the background sample BGH-GW-00). SCDM lists a benchmark (MCL/MCLG) for lead of 15 μ g/L, which was not exceeded in any of the samples and there were no observed releases for lead.

Manganese was detected in all 7 samples. It was detected in the background sample (BGH-GW-00) at 506 μ g/L and the concentrations in the remaining samples ranged from 2.8 μ g/L (in sample BGH-GW-01) to 31.1 μ g/L (in sample BGH-GW-04). The criteria for an observed release of manganese were not met in any samples as the background sample had the greatest concentration. The SCDM benchmark (RfDS) for manganese is 5,100 μ g/L.

Mercury was undetected in all 7 samples and the SQL was 0.2 μ g/L. SCDM lists a benchmark (MCL/MCLG) for mercury of 2 μ g/L.

Nickel was detected in all 7 samples. It was detected in the background sample (BGH-GW-00) at 9 μ g/L and the concentrations in the remaining samples ranged from 0.97 μ g/L (in sample BGH-GW-03) to 2.7 μ g/L (in sample BGH-GW-01). Observed releases of nickel did not occur. SCDM lists a benchmark of 730 μ g/L (RfDS) for nickel.

Selenium was detected in all 7 ground-water samples with concentrations ranging from 0.29 μ g/L (in sample BGH-GW-02) to 0.95 μ g/L (in sample BGH-GW-01). The SCDM benchmark (MCL/MCLG) is 50 μ g/L and none of the samples met the criteria for an observed release.

Silver was undetected in all samples with a SQL of 1 μ g/L. SCDM lists a benchmark of 1,800 μ g/L (RfDS) for silver.

Thallium was detected in the background sample (BGH-GW-00) at 0.019 μ g/L. As this was the only detection, no observed releases for thallium occurred. The benchmark (MCL/MCLG) for thallium is 0.5 μ g/L.

Vanadium was detected in 2 of the 7 ground-water samples. It was detected in the background sample (BGH-GW-00) at 5.3 μ g/L and in sample BGH-GW-04 at 0.45 μ g/L. SCDM lists a vanadium benchmark of 2,600 μ g/L (RfDS), which was not exceeded, and none of the samples where vanadium was detected met the criteria for an observed release.

Zinc was detected in all 7 samples. It was detected in the background sample (BGH-GW-00) at 116 μ g/L and the concentrations in the remaining samples ranged from 0.73 μ g/L (in sample BGH-GW-03) to 1.5 μ g/L (in sample BGH-GW-01). The criteria for an observed release of zinc were not met in any samples as the background sample had the greatest concentration. The SCDM benchmark (RfDS) for zinc is 11,000 μ g/L.

7.0 SURFACE-WATER PATHWAY

7.1 Hydrology

Approximately 96 percent of the surface water entering the drainage basin is from the Bear River, the West Side Canal, and Hammond Canal. Approximately three percent of the surface water enters the drainage basin from the Malad River and the Samaria Canals and approximately one percent of the surface water enters the drainage basin from the Ogden River, which is diverted and transported in the Ogden-Brigham Canal. Other sources of surface water are from streams that originate at springs in and near the mountains bordering the drainage basin and from streams that develop on the valley floor from small springs, sloughs, and drains (Bjorklund and McGreevy, 1974).

The only permanent water bodies that exist on-site are the man-made ponds that have been constructed on the golf course. A detention pond has been constructed in the southwest corner of the site. Two canals run along the eastern edge of the site, the Perry and Ogden-Brigham Canals.

The Ogden-Brigham Canal transports water from the Ogden River and flows toward Box Elder Creek. The Perry Canal receives water from Box Elder Creek and the Ogden-Brigham Canal and flows south, but is in a culvert and piped underground across the site. Both canals are used for irrigation. Water is generally flowing in both canals between April and October.

7.2 Targets

There are 159 points-of-diversion within the 15-mile downstream influence area of the site, some of which are listed for domestic and municipal use. Other targets consist of irrigators, irrigated cropland, and sensitive environments associated with marshy areas and livestock (Murdock, 2006). Many of these points-of-diversion are likely no longer in use; however their exact status was not determined. Two canals used for irrigation run along the eastern edge of the site: the Perry and Ogden-Brigham Canals. The Ogden-Brigham Canal transports water from the Ogden River and flows toward Box Elder Creek. The Box Elder Creek then flows west toward the Bear River Migratory Bird Refuge. The Perry Canal receives water from Box Elder Creek and the Ogden-Brigham Canal and flows south.

The bird refuge is located approximately 6 miles northwest of the site. Wildlife species generally found within the bird refuge include: northern harriers, rough-legged hawks, prairie falcons, and bald eagles. Up to a half million ducks, geese, and over 30,000 tundra swans concentrate in the bird refuge. Other targets include people hunting, fishing, or boating in the area.

7.3 Sample Locations

A surface-water sample (BGH-SW-20) was collected from the Ogden-Brigham Canal along the eastern edge of the site. This canal flows through a culvert across much of the golf course so access to it was limited. The Perry Canal flows underground across the entire site, so it was not sampled.

Four additional samples were collected from 4 golf course ponds. All sample locations are shown on Figure 3.

7.4 Sample Results

The same benchmarks that are applied to ground water are also applied to surface water and the same criteria are used to determine observed releases. The benchmarks are: 1) MCL/MCLG, 2) CRS, and 3) RfDS.

7.4.1 Results for Volatile Organic Compounds in Surface Water Only 2 of the 52 VOCs analyzed for were detected. A list of the 52 VOCs analyzed for, along with their associated benchmark values are presented in Table 2. The un-validated laboratory data package is included as Appendix G.

Bromodichloromethane was detected in 3 samples (BGH-SW-22, BGH-SW-23, and BGH-SW-24) in concentrations ranging from 0.19 μ g/L to 0.35 μ g/L. This compound has a benchmark concentration (CRS) of 1.4 μ g/L.

Dibromochloromethane was detected in samples BGH-SW-22 and BGH-SW-23 at $0.26~\mu g/L$ and $0.44~\mu g/L$, respectively. There are no benchmark concentrations for this compound.

7.4.2 Results for Semi-Volatile Organic Compounds in Surface Water Only 4 of the 67 semi-volatile organic compounds (SVOCs) analyzed for were detected in surface-water samples. No SVOCs were detected in sample BGH-GW-24. A list of the 67 VOCs analyzed for, along with their associated benchmark values are presented in Table 3. The un-validated laboratory data package is included as Appendix G.

Diethylphthalate was detected in 4 samples (BGH-SW-20, BGH-SW-21, BGH-SW-22, and BGH-SW-23) in the concentrations of 0.27 μ g/L or 0.29 μ g/L. Diethylphthalate has a benchmark (RfDS) of 29,000 μ g/L.

Di-n-butylphthalate was detected in sample BGH-SW-22 at 0.24 μ g/L. The benchmark (RfDS) for this compound is 3,700 μ g/L.

Butylbenzylphthalate was detected in 4 samples (BGH-SW-20, BGH-SW-21, BGH-SW-22, and BGH-SW-23) in concentrations ranging from 0.23 μ g/L to 0.6 μ g/L. The benchmark (RfDS) for butylbenzylphthalate is 7,300 μ g/L.

The SVOC bis(2-ethylhexyl)phthalate was detected in 4 samples (BGH-SW-20, BGH-SW-21, BGH-SW-22, and BGH-SW-23) in concentrations ranging from 0.26 μ g/L to 0.92 μ g/L. This compound has a benchmark (MCL/MCLG) of 6 μ g/L.

- 7.4.3 Results for PCBs in Surface Water No PCBs (of 9 analyzed for) were detected in surface-water samples at the site. A list of the 9 PCBs analyzed for, along with their associated benchmark values are included in Table 4. The un-validated laboratory data package is included as Appendix G.
- 7.4.4 Results for Pesticides in Surface Water Four pesticides (of 21 analyzed for) were detected in surface-water samples at the site. No pesticides were detected in samples BGH-SW-21 or BGH-SW-23. A list of the 21 pesticides analyzed for, along with their associated benchmark values are presented in Table 4. The un-validated laboratory data package is included as Appendix G.

The compound alpha-BHC was detected in sample BGH-SW-24 at 0.0014 μ g/L. This compound has a benchmark (CRS) of 0.0.014 μ g/L.

Dieldrin was detected in sample BGH-SW-20 at 0.0016 μ g/L and in sample BGH-SW-22 at 0.0019 μ g/L. The benchmark (CRS) for Dieldrin is 0.0053 μ g/L.

Endosulfan II was detected in sample BGH-SW-22 at 0.0034 μ g/L and in sample BGH-SW-24 at 0.0027 μ g/L. The RfDS concentration for Endosulfan II is 220 μ g/L.

The pesticide, gamma-Chlordane was detected in sample BGH-SW-24 at 0.0021 μ g/L. The benchmark (CRS) for gamma-Chlordane is 0.24 μ g/L.

7.4.5 Results for Total Metals in Surface Water A summary of the total metals results, including their associated benchmark values are presented in Table 6. The un-validated laboratory data package is included as Appendix G.

As with ground water, compounds that are reported in the total metals analysis occur naturally. Thus, compounds reported in the total metals analysis typically are detected in more abundance than organic compounds. Additionally, total metals analytical results are reported not only for analytes that might be of potential health concern, but also for a number of chemicals that are normal constituents of the human body and that are required for good health. These chemicals include aluminum, calcium, magnesium, potassium, sodium, and iron. These beneficial nutrients occur widely in food, water, and soil but exposure to these chemicals is generally not of concern. Furthermore, the laboratory did not provide analysis for these constituents.

Antimony was detected in all 5 of the surface-water samples in concentrations ranging from 0.1 μ g/L (in samples BGH-SW-22 and BGH-SW-23) to 0.25 μ g/L (in sample BGH-SW-20). There were no observed releases of antimony in surface water. SCDM lists a benchmark (MCL/MCLG) of 6 μ g/L for antimony.

Arsenic was detected in all 5 surface-water samples at concentrations ranging from 0.8 μ g/L (in samples BGH-SW-20 and BGH-SW-22) to 0.92 μ g/L (in sample BGH-SW-21). None of the samples met the criteria for observed releases of arsenic. SCDM lists a benchmark of 0.057 μ g/L (CRS) so all 5 arsenic detections in surface water exceeded this benchmark.

Barium was detected in all 5 samples in concentrations ranging from 24.8 μ g/L (in sample BGH-SW-20) to 50.7 μ g/L (in sample BGH-SW-22). There were no observed releases of barium in surface water. The benchmark (MCL/MCLG) for barium is 2,000 μ g/L and this was not exceeded in any of the samples.

Beryllium was undetected in surface-water samples. The benchmark (MCL/MCLG) for beryllium is 4 μ g/L.

Cadmium too, was undetected in surface water. The benchmark (MCL/MCLG) for cadmium is 5.0 µg/L.

Chromium was detected in all 5 of the surface-water samples at concentrations ranging from 0.5 μ g/L (in sample BGH-SW-20) to 0.83 μ g/L (in sample BGH-SW-24). None of the samples met

the criteria for an observed releases of chromium. SCDM lists a benchmark of 100 $\mu g/L$ (MCL/MCLG).

Cobalt was also detected in all 5 of the samples in concentrations ranging from $0.09 \mu g/L$ (in sample BGH-SW-23) to $0.15 \mu g/L$ (in samples BGH-SW-21 and BGH-SW-24). No observed releases of cobalt occurred and SCDM gives no benchmark values for cobalt in surface water.

Copper was detected in all 5 of the surface-water samples at concentrations ranging from 1.4 μ g/L (in the background sample BGH-SW-20) to 8.1 μ g/L (in sample BGH-SW-22). There were 2 observed releases of copper, in samples BGH-SW-22 and BGH-SW-23, however they were still significantly below the SCDM benchmark (MCL/MCLG) of 1300 μ g/L.

Lead was detected in 4 of the 5 samples at concentrations ranging from 0.05 μ g/L (in sample BGH-SW-21) to 0.21 μ g/L (in sample BGH-SW-24). SCDM lists a benchmark (MCL\MCLG) for lead of 15 μ g/L, which was not exceeded in any of the samples and there were no observed releases for lead.

Manganese was detected in all 5 samples. The concentrations ranged from 6.4 μ g/L (in sample BGH-SW-23) to 19.9 μ g/L (in the background sample BGH-SW-20). The criteria for an observed release of manganese were not met in any samples as the background sample had the greatest concentration. The SCDM benchmark (RfDS) for manganese is 5,100 μ g/L.

Mercury was detected in 4 of the 5 samples in concentrations from 0.019 μ g/L (in sample BGH-SW-20) to 0.025 μ g/L (in sample BGH-SW-21). SCDM lists a benchmark (MCL\MCLG) for mercury of 2 μ g/L.

Nickel was detected in all 5 samples. Concentrations ranged from 0.51 μ g/L (in sample BGH-SW-23) to 0.81 μ g/L (in sample BGH-SW-24). Observed releases of nickel did not occur. SCDM lists a benchmark of 730 μ g/L (RfDS) for nickel.

Selenium was detected in 3 of the 5 surface-water samples with concentrations ranging from 0.2 μ g/L (in sample BGH-SW-22) to 0.35 μ g/L (in sample BGH-SW-24). The SCDM benchmark (MCL/MCLG) is 50 μ g/L and none of the samples met the criteria for an observed release.

Silver was undetected in all samples with a SQL of 1 μ g/L. SCDM lists a benchmark of 1,800 μ g/L (RfDS) for silver.

Thallium was detected in the background sample (BGH-SW-20) at 0.2 μ g/L, and in sample BGH-SW-24 at 0.16 μ g/L. No observed releases for thallium occurred. The benchmark (MCL/MCLG) for thallium is 0.5 μ g/L.

Vanadium was detected in 4 of the 5 surface-water samples. Concentrations ranged from 0.39 μ g/L (in sample BGH-SW-23) to 0.47 μ g/L (in sample BGH-SW-24). SCDM lists a vanadium

benchmark of 2,600 µg/L (RfDS), which was not exceeded, and none of the samples where vanadium was detected met the criteria for an observed release.

Zinc was detected in all 5 samples. Concentrations ranged from 0.97 μ g/L (in sample BGH-SW-23) to 2.6 μ g/L (in sample BGH-SW-22). The criteria for an observed release of zinc were not met in any samples. The SCDM benchmark (RfDS) for zinc is 11,000 μ g/L.

8.0 SOIL EXPOSURE PATHWAY

8.1 Geology

The site is located in the lower Bear River drainage basin (drainage basin), which consists of approximately 730 square miles in north-central Utah. Structurally, the drainage basin is a complex of faulted blocks modified by erosion. A thrust fault is exposed at the south edge of the drainage basin, south of Perry, and thrust faults probably exist at depth under most of the drainage basin. Rocks exposed in the drainage basin are of the Precambrian, Paleozoic, and Cenozoic age (Bjorklund and McGreevy, 1974).

The site is located on the unconsolidated valley floor deposits, which are predominantly Holocene and Pleistocene aged cobbles, gravels, sands, and silts associated with high stands of Lake Bonneville. The sediments are overlain by recent alluvial deposits, consisting of gravels, sands, and silts, particularly at the mouths of the canyons along the Wasatch Front (Tetra Tech, 2004). Alluvial and delta deposits at and south of Brigham City contain several hundred feet of saturated highly permeable gravel and sand (Bjorklund and McGreevy, 1974). Soils on-site are part of the Fielding-Kilburn-Kidman Association, "well-drained and somewhat excessively drained, nearly level to very steep silt loams, gravelly sandy loams, and fine sandy loams; on lake terraces, benches, alluvial fans, and broad valley plains" (USDA, 1975). The dominant soil series is the Kilburn Series. In a representative soil profile, the surface soil is a brown gravelly sandy loam to 14 inches thick, the subsurface soil is brown gravelly loam to eight inches thick and the substratum is brown very gravelly sandy loam and brown very gravelly loamy sand that extends to a depth more than 60 inches (USDA, 1975).

8.2 Targets

Located on the property formerly occupied by the BGH are a golf course, Mountain View Elementary School, Constitution Park, a church, commercial businesses, townhouses, apartments, and single-family dwellings. Approximately 340 people live on-site with an undetermined number of people who work and enter the site on a daily bases (Murdock, 2006). Approximately 314 students are enrolled in the Mountain View Elementary School (Murdock, 2006). Construction is continuing on-site to include additional townhouses and homes. There is a resident population of 1, 676 people living within a quarter-mile of the site increasing to 4,106 people within one mile (Murdock, 2006).

8.3 Sample Locations

At each of the locations where a well was drilled, soil samples were collected from the "surface" (0 to 6 inches bgs), the "subsurface" (6 to 24 inches bgs), and at other varying depths ("deep"). At other soil sample locations, only the surface and subsurface samples were collected. These sample locations were spread out across the site in areas where facilities operated that potentially could have caused contamination. All totaled, 23 "surface" soil samples were collected (including 1 duplicate), 23 "subsurface" soil samples were collected (including 1 duplicate), and 11 "deep" soil samples were collected (including 1 duplicate). All sample locations are shown on Figure 4.

An effort was also made to determine if asbestos was present at the site. Seventeen "other" soil samples were collected from areas where asbestos might be suspected (e.g. debris piles from demolition, roof drip lines). These 17 soil samples were collected from entirely different locations than the 23 soil samples that were mentioned previously. These 17 samples were submitted for asbestos analysis and their locations are shown on Figure 5.

8.4 Analytical Results

As specified by the Hazard Ranking System (HRS), analytical results from field samples are typically compared to analytical results from background sample(s) and to sample quantitation limits (SQL) for determining observed contamination. The criteria for determining observed contamination is as follows:

- 1. If the background concentration is not detected, observed contamination is established when the sample concentration equals or exceeds the sample quantitation limit; or
- 2. If the background concentration equals or exceeds the detection limit, observed contamination is established when the sample concentration "significantly exceeds" the background concentration. Generally, "significantly exceeds" is defined to be situations where the sample concentration exceeds the background concentration by 3 times (EPA, 1990).

Analytical results from the field samples are also compared to screening standards in an attempt to determine risk. The benchmark data from the Superfund Chemical Data Matrix (SCDM) are the accepted benchmark values (EPA, 2004). There are two benchmark values applicable to soil, and the lowest (i.e., most conservative) is the one used by the HRS. The two applicable benchmarks are: 1) Cancer Risk Screening Concentrations (CRS) and 2) Reference Dose Screening Concentrations for Non-Cancer Toxicological Responses (RfDS).

8.4.1 Results for Volatile Organic Compounds in Soil Only 4 of the 52 VOCs analyzed for were detected in any of the soil samples. A list of the 52 VOCs analyzed for, along with their associated benchmark values are presented in Table 2. The un-validated laboratory data package is included as Appendix G.

8.4.1.a Results for Volatile Organic Compounds in Surface Soil Soils samples collected from the surface (0 to 6 inches bgs) were not analyzed for VOCs.

8.4.1.b Results for Volatile Organic Compounds in Subsurface Soil Only 3 VOCs were detected in soils samples collected from the subsurface (6 to 24 inches bgs). These results are presented in Table 7. The un-validated laboratory data is included as Appendix G. The criteria for an observed release were not met for VOCs in any of the subsurface soil samples.

Trichlorofluoromethane was detected in 4 of the 23 subsurface soil samples with concentrations ranging from 0.35 μ g/kg (in sample BGH-SB(2)-64) to 0.69 μ g/kg (in sample BGH-SB(2)-60). The benchmark (RfDS) for this compound is 23,000,000 μ g/kg.

Methylene chloride was detected in 16 of the 23 subsurface soil samples with concentrations ranging from 0.43 μ g/kg (in sample BGH-SB(2)-75) to 1.9 μ g/kg (in sample BGH-SB(2)-61). The benchmark (RfDS) for this compound is 4,700,000 μ g/kg.

Toluene was detected in 12 of the 23 subsurface soil samples with concentrations ranging from 0.23 μ g/kg (in sample BGH-SB(2)-50) to 0.54 μ g/kg (in sample BGH-SB(2)-53). The benchmark concentration (RfDS) for toluene is 16,000,000 μ g/kg.

8.4.1.c Results for Volatile Organic Compounds in Deep Soil Samples Only 3 VOCs were detected in soil samples collected from deeper that 17 feet bgs. These results are presented in Table 8. The criteria for an observed release were not met for VOCs in any of the deep soil samples. The un-validated laboratory data is included as Appendix G.

Only 9 deep VOC samples were collected. The VOC portion was inadvertently omitted for 2 samples (BGH-SS(20)-53 and BGH-SS(17)-54).

Methylene chloride was detected in 7 of the 9 deep soil samples with concentrations ranging from 0.60 μ g/kg (in sample BGH-SS(22)-51) to 1.1 μ g/kg (in sample BGH-SS(20)-52). The benchmark (RfDS) for this compound is 4,700,000 μ g/kg.

Toluene was detected in 6 of the 9 deep soil samples with concentrations ranging from 0.19 μ g/kg (in sample BGH-SS(20)-51) to 0.31 μ g/kg (in sample BGH-SS(35)-55). The benchmark concentration (RfDS) for toluene is 16,000,000 μ g/kg.

The VOC m,p-xylene was detected in sample BGH-SS(20)-50 at 0.17 μ g/kg. This was the only detection of this compound and it has a benchmark (RfDS) of 160,000,000 μ g/kg.

8.4.2 Results for Semi-Volatile Organic Compounds in Soil Twenty-five of the 67 SVOCs analyzed for were detected in soil samples. A list of the 67 VOCs analyzed for, along with their associated benchmark values are presented in Table 3. The un-validated laboratory data package is included as Appendix G.

8.4.2.a Results for Semi-Volatile Organic Compounds in Surface Soil Twenty-two of the 67 SVOCs that were analyzed for, were detected in surface soils samples (0 to 6 inches bgs). The detected SVOCs are summarized on Table 9. The un-validated laboratory data is included as Appendix G.

Benzaldehyde was detected in all 23 samples. Concentrations ranged from 23 µg/kg (in 3 samples) to 160 µg/kg (in 2 samples). There is no benchmark for this compound as it is not listed on SCDM.

Phenol was detected in 3 of the 23 surface soil samples in concentrations of 16 μ g/kg or 21 μ g/kg. The SQL was 160 μ g/kg and the benchmark concentration (RfDS) is 2,300,000 μ g/kg.

Acetophenone was detected in all 23 surface soil samples. Concentrations ranged from 8.3 μg/kg (in sample BGH-SF(0.5)-69) to 51 μg/kg (in sample BGH-SF(0.5)-69). This compound is not listed on SCDM.

Naphthalene was detected in 4 of the 23 samples. Concentrations ranged from 8.5 μ g/kg (in sample BGH-SF(0.5)-62) to 61 μ g/kg (in sample BGH-SF(0.5)-66). The benchmark concentration (RfDS) is 3,100,000 μ g/kg.

The SVOC 2-methylnaphthalene was detected in 5 of the 23 surface soil samples. Concentrations ranged from 9.1 μg/kg (in sample BGH-SF(0.5)-62) to 95 μg/kg (in sample BGH-SF(0.5)-66). This compound is listed on SCDM, but no benchmark concentrations are given for the soil pathway.

Dibenzofuran was detected in sample BGH-SF(0.5)-66 at 27 µg/kg. The benchmark concentration (RfDS) for dibenzofuran is 3,100,000 µg/kg.

Diethyl phthalate was detected in 6 of the 23 samples. Concentrations ranged from 7.2 μ g/kg (in sample BGH-SF(0.5)-52) to 40 μ g/kg (in sample BGH-SF(0.5)-69). The benchmark concentration (RfDS) for Diethyl phthalate is 6,300,000 μ g/kg.

Phenanthrene was detected in 4 of the 23 samples. Concentrations ranged from 24 μg/kg (in sample BGH-SF(0.5)-65) to 160 μg/kg (in sample BGH-SF(0.5)-66). Phenanthrene is listed on SCDM but there are no benchmark concentrations for the soil exposure pathway.

Anthracene was detected in 3 of the 23 samples. Concentrations ranged from 11 μ g/kg (in sample BGH-SF(0.5)-53) to 41 μ g/kg (in sample BGH-SF(0.5)-55). The benchmark concentration (RfDS) is 2,300,000 μ g/kg.

Carbazole was detected in sample BGH-SF(0.5)-66 at 29 μ g/kg. The benchmark concentration (CRS) for carbazole is 32,000 μ g/kg.

The SVOC di-n-butylphthalate was detected in sample BGH-SF(0.5)-63 at 22 μ g/kg. Di-n-butylphthalate has a benchmark concentration (RfDS) of 7,800,000 μ g/kg.

Fluoranthene was detected in 5 samples in concentrations ranging from 11 μ g/kg (in sample BGH-SF(0.5)-71) to 160 μ g/kg (in sample BGH-SF(0.5)-66). The benchmark concentration (RfDS) for fluoranthene is 3,100,000 μ g/kg.

Pyrene was detected in 7 of the 23 samples. Concentrations of pyrene ranged from 10 μ g/kg (in sample BGH-SF(0.5)-62) to 1,800 μ g/kg (in sample BGH-SF(0.5)-55). The SQL was 180 μ g/kg, so 2 of the samples (BGH-SF(0.5)-53 and BGH-SF(0.5)-55) met the criteria for observed contamination. The benchmark concentration (RfDS) for pyrene is 2,300,000 μ g/kg.

Benzo(a)anthracene was detected in 5 samples in concentrations ranging from 12 μ g/kg (in sample BGH-SF(0.5)-71) to 69 μ g/kg (in sample BGH-SF(0.5)-55). Benzo(a)anthracene has a benchmark concentration (CRS) of 880 μ g/kg. The SQL was 180 μ g/kg so the criteria for observed contamination were not met.

Chrysene was detected in 7 of the 23 samples. Concentrations of chrysene ranged from 7.9 μ g/kg (in sample BGH-SF(0.5)-62) to 610 μ g/kg (in sample BGH-SF(0.5)-55). The SQL was 180 μ g/kg, so 2 of the samples (BGH-SF(0.5)-53 and BGH-SF(0.5)-55) met the criteria for observed contamination. Chrysene has a benchmark concentration (CRS) of 88,000 μ g/kg.

The SVOC bis(2-ethylhexyl)phthalate was detected in all but 5 of the samples (detected in 18 of 23 samples). These detections were between 15 μ g/kg (in sample BGH-SF(0.5)-60) and 64 μ g/kg (in sample BGH-SF(0.5)-51). This compound was not detected in the background sample (BGH-SF(0.5)-50) but the SQL was 180 μ g/kg, so observed contamination did not occur. The benchmark concentration (CRS) for bis(2-ethylhexyl)phthalate is 46,000 μ g/kg.

Benzo(b)fluoranthene is not listed on the SCDM, but it was detected in 5 surface soil samples at concentrations between 15 μ g/kg (in sample BGH-SF(0.5)-62) and 130 μ g/kg (in sample BGH-SF(0.5)-55).



Benzo(k)fluoranthene was detected in 4 samples. Concentrations ranged from 16 μ g/kg (in sample BGH-SF(0.5)-65) to 190 μ g/kg (in sample BGH-SF(0.5)-55). Benzo(k)fluoranthene has a benchmark concentration (Screening Concentration for Cancer) of 8,800 μ g/kg and an SQL of 180 μ g/kg, so sample BGH-SF(0.5)-55 met the criteria for observed contamination for this compound.



Benzo(a)pyrene was detected in 3 of the surface soil samples. The concentrations in 2 of the samples (BGH-SF(0.5)-66 and BGH-SF(0.5)-53) were 57 μ g/kg and 72 μ g/kg (respectively). In sample BGH-SF(0.5)-55 the concentration was 520 μ g/kg. The SQL was 180 μ g/kg and the benchmark (CRS) is 88 μ g/kg, so this sample exceeds the benchmark and meets the criteria for observed contamination. This is one of only two cases of observed contamination and a benchmark being exceeded in all of the organic samples that were collected at this site.

- Indeno(1,2,3-cd)pyrene was detected in sample BGH-SF(0.5)-55 at 330 μg/kg. Indeno(1,2,3-cd)pyrene is listed on SCDM but has no benchmark concentrations for the soil exposure pathway. The SQL was 180 μg/kg, so this detection is observed contamination.
- Dibenzo(a,h)anthracene was detected in sample BGH-SF(0.5)-55 at 100 μg/kg. Dibenzo(a,h)anthracene is listed on SCDM and has a benchmark concentration (CRS) of 88 μg/kg for the soil exposure pathway. The SQL was 180 μg/kg, so this detection is not observed contamination but it does exceed the benchmark.
- Benzo(g,h,j)perylene was detected in 4 of the 23 surface soil samples. Concentrations ranged from 23 µg/kg (in sample BGH-SF(0.5)-62) to 200 µg/kg (in sample BGH-SF(0.5)-55). The SQL is 180 µg/kg so the detection in sample BGH-SF(0.5)-55 is observed contamination. Benzo(g,h,j)perylene is listed on SCDM but there is no benchmark listed for the soil exposure pathway.

8.4.2.b Results for Semi-Volatile Organic Compounds in Subsurface Soil Twenty-three of the 67 SVOCs that were analyzed for, were detected in subsurface soils samples (6 to 24 inches bgs). The detected SVOCs are summarized on Table 10. The un-validated laboratory data is included as Appendix G.

Benzaldehyde was detected in all 23 samples. The concentration in sample BGH-SB(2)-71 was 170 μg/kg. Concentrations in the remaining samples ranged from 17 μg/kg (in sample BGH-SB(2)-61) to 41 μg/kg (in sample BGH-SB(2)-54). There is no benchmark for this compound as it is not listed on SCDM but the background sample (BGH-SB(2)-50) had a concentration of 24 μg/kg so sample BGH-SB(2)-71 meets the criteria for observed contamination.

Acetophenone was detected in all 23 subsurface soil samples. Concentrations ranged from 8.7 μ g/kg (in sample BGH-SB(2)-71) to 35 μ g/kg (in sample BGH-SB(2)-70). This compound is not listed on SCDM.

Naphthalene was detected in 3 of the 23 samples. Concentrations ranged from 12 μ g/kg (in sample BGH-SB(2)-65) to 19 μ g/kg (in sample BGH-SB(2)-69). The benchmark concentration (RfDS) is 3,100,000 μ g/kg.

The SVOC 2-methylnaphthalene was detected in 3 of the 23 surface soil samples. Concentrations ranged from 8.6 μ g/kg (in sample BGH-SB(2)-69) to 16 μ g/kg (in 2 samples). This compound is listed on SCDM but no benchmark concentrations are given for the soil pathway.

Acenaphthalene was detected in sample BGH-SB(2)-69 at 36 μ g/kg. The benchmark concentration (RfDS) for acenaphthalene is 4,700,000 μ g/kg.

Dibenzofuran was detected in sample BGH-SB(2)-69 at 31 μ g/kg. The benchmark concentration (RfDS) for dibenzofuran is 3,100,000 μ g/kg.

NBMK



Diethyl phthalate was detected in 7 of the 23 samples. Concentrations ranged from 11 μ g/kg (in sample BGH-SB(2)-60) to 48 μ g/kg (in sample BGH-SB(2)-72). The benchmark concentration (RfDS) for Diethyl phthalate is 6,300,000 μ g/kg

Fluorene was detected in sample BGH-SB(2)-69 at 54 μ g/kg. The benchmark concentration (RfDS) for dibenzofuran is 3,100,000 μ g/kg.

Phenanthrene was detected in sample BGH-SB(2)-65 at 14 μ g/kg and at 940 μ g/kg in sample BGH-SB(2)-69. Since the SQL is 180 μ g/kg, there is observed contamination in sample BGH-SB(2)-69. Phenanthrene is listed on SCDM but there are no benchmark concentrations for the soil exposure pathway.

Anthracene was detected in sample BGH-SB(2)-69 at 270 μ g/kg. The SQL is 180 μ g/kg so there is observed contamination in sample BGH-SB(2)-69. The benchmark concentration (RfDS) is 2,300,000 μ g/kg.

Carbazole was detected in sample BGH-SB(2)-69 at 110 μ g/kg. The benchmark concentration (CRS) for carbazole is 32,000 μ g/kg.

Fluoranthene was detected in 2 samples. It was detected in sample BGH-SB(2)-65 at 13 μ g/kg and in sample BGH-SB(2)-69 at 1,100 μ g/kg. The SQL is 180 μ g/kg so there is observed contamination in sample BGH-SB(2)-69. The benchmark concentration (RfDS) for fluoranthene is 3,100,000 μ g/kg.

Pyrene was detected in the 3 of the 23 samples. Concentrations of pyrene were 9.4 μ g/kg (in sample BGH-SB(2)-54), 95 μ g/kg (in sample BGH-SB(2)-65), and 1,300 μ g/kg (in sample BGH-SB(2)-69). The SQL was 180 μ g/kg, so sample BGH-SB(2)-69 met the criteria for observed contamination. The benchmark concentration (RfDS) for pyrene is 2,300,000 μ g/kg.

Butylbenzylphthalate was detected only in sample BGH-SB(2)-72 at 24 μ g/kg. The benchmark concentration (RfDS) for butylbenzylphthalate is 1,600,000 μ g/kg.

Benzo(a)anthracene was detected in 2 samples. It was detected in sample BGH-SB(2)-65 at 23 μ g/kg and in sample BGH-SB(2)-69 at 630 μ g/kg. The SQL is 180 μ g/kg so there is observed contamination in sample BGH-SB(2)-69. Benzo(a)anthracene has a benchmark (CRS) of 880 μ g/kg, which was not exceeded.

Chrysene was detected in 4 of the 23 subsurface soil samples. Concentrations of chrysene ranged from 13 μ g/kg (in sample BGH-SB(2)-71) to 42 μ g/kg (in sample BGH-SB(2)-65) with an anomalously high concentration of 780 μ g/kg in sample BGH-SB(2)-69. The SQL was 180 μ g/kg, so sample BGH-SB(2)-69 met the criteria for observed contamination. Chrysene has a benchmark concentration (CRS) of 88,000 μ g/kg.

The SVOC bis(2-ethylhexyl)phthalate was detected in 12 of the 23 samples. These detections were between 18 μ g/kg (in sample BGH-SB(2)-69) and 71 μ g/kg (in sample BGH-SB(2)-54). This compound was detected in the background sample (BGH-SB(2)-50) at 24 μ g/kg so no observed contamination occurred. The benchmark concentration (CRS) for bis(2-ethylhexyl)phthalate is 46,000 μ g/kg.

Benzo(b)fluoranthene is not listed on the SCDM, but it was detected in 2 surface soil samples at 61 μ g/kg (in sample BGH-SB(2)-65) and 710 μ g/kg (in sample BGH-SB(2)-69). The SQL was 180 μ g/kg, so sample BGH-SB(2)-69 met the criteria for observed contamination.

Benzo(k)fluoranthene too, was detected in 2 samples. Concentrations were 14 μg/kg (in sample BGH-SB(2)-65) and 270 μg/kg (in sample BGH-SB(2)-69). Benzo(k)fluoranthene has a benchmark concentration (CRS) of 8,800 μg/kg and an SQL of 180 μg/kg. Sample BGH-SB(2)-69 met the criteria for observed contamination for this compound.

Benzo(a)pyrene was detected in 2 of the subsurface soil samples. The concentration in sample BGH-SB(2)-65 was 75 μ g/kg. In sample BGH-SB(2)-69 the concentration was 600 μ g/kg. The SQL was 180 μ g/kg and the benchmark (CRS) is 88 μ g/kg, so this sample exceeds the benchmark and meets the criteria for observed contamination. This is one of only two cases of observed contamination and a benchmark being exceeded in all of the organic samples that were collected at this site.

Indeno(1,2,3-cd)pyrene was detected in samples BGH-SB(2)-65 at 78 μ g/kg and BGH-SB(2)-69 at 310 μ g/kg. Indeno(1,2,3-cd)pyrene is listed on SCDM but has no benchmark concentrations for the soil exposure pathway. The SQL was 180 μ g/kg, so the detection in sample BGH-SB(2)-69 is observed contamination.

Dibenzo(a,h)anthracene was detected in samples BGH-SB(2)-65 at 31 μg/kg and BGH-SB(2)-69 at 110 μg/kg. Dibenzo(a,h)anthracene is listed on SCDM and has a benchmark concentrations (CRS) of 88 μg/kg for the soil exposure pathway, which is exceeded in sample BGH-SB(2)-69. The SQL was 180 μg/kg, so these detections are not observed contamination.

Benzo(g,h,j)perylene was detected in samples BGH-SB(2)-65 and BGH-SB(2)-69 at 260 μ g/kg. The SQL is 180 μ g/kg so the both detections meet the criteria for observed contamination. Benzo(g,h,j)perylene is listed on SCDM but there is no benchmarks listed for the soil exposure pathway.

8.4.2.c Results for Semi-Volatile Organic Compounds in Deep Soil Samples Six of the 67 SVOCs that were analyzed for, were detected in deep soil samples (greater than 17 feet bgs). The detected SVOCs are summarized on Table 11. The un-validated laboratory data is included as Appendix G.

Benzaldehyde was detected in 7 of the 11 deep soil samples. The concentrations ranged from 22 μ g/kg (in 2 samples) to 47 μ g/kg (in sample BGH-SS(20)-55). There is no benchmark for this compound as it is not listed on SCDM.

Acetophenone was detected in 9 of the 11 deep soil samples. Concentrations ranged from 8.1 μ g/kg (in sample BGH-SS(20)-53) to 25 μ g/kg (in sample BGH-SS(22)-55). This compound is not listed on SCDM.

Naphthalene was detected only in sample BGH-SS(35)-55 at 7.9 μ g/kg The benchmark concentration (RfDS) is 3,100,000 μ g/kg.

Di-n-butylphthalate too was detected only in sample BGH-SS(35)-55 at 7.3 μ g/kg The benchmark concentration (RfDS) is 7,800,000 μ g/kg.

Butylbenzylphthalate was detected only in sample BGH-SS(20)-52 at 9.2 μ g/kg. The benchmark concentration (RfDS) for butylbenzylphthalate is 1,600,000 μ g/kg.

The SVOC bis(2-ethylhexyl)phthalate was detected in 5 of the 11 samples. These detections were between 18 μ g/kg (in sample BGH-SS(20)-53) and 36 μ g/kg (in sample BGH-SS(20)-50). The benchmark concentration (CRS) for bis(2-ethylhexyl)phthalate is 46,000 μ g/kg.

8.4.3 Results for PCBs in Soil Three PCBs (of 9 analyzed for) were detected in soil samples at the site. Table 4 includes a list of the 9 PCBs analyzed for, along with their associated benchmark values. The un-validated laboratory data package is included as Appendix G.

The individual PCB compounds are not listed on SCDM. Rather a "general" benchmark for PCBs is presented, which applies to all specific compounds. The benchmark concentrations are 320 μg/kg (CRS) and 1,600 μg/kg (RfDS).

<u>8.4.3.a Results for PCBs in Surface Soil</u> Two of the 9 PCBs that were analyzed for, were detected in surface soils samples (0 to 6 inches bgs). The detected PCBs are summarized on Table 12. The un-validated laboratory data is included as Appendix G.

Aroclor-1248 was detected only in sample BGH-SF(0.5)-73 at 92 µg/kg. The SQL was 35 µg/kg so this is observed contamination but it does not exceed the benchmarks.

Aroclor-1260 was detected in sample BGH-SF(0.5)-70 at 57 μ g/kg. Again, the SQL was 35 μ g/kg so this is observed contamination but it does not exceed the benchmarks.

8.4.3.b Results for PCBs in Subsurface Soil Two of the 9 PCBs that were analyzed for, were detected in subsurface soils samples (6 to 24 inches bgs). The detected PCBs are summarized on Table 13. The un-validated laboratory data is included as Appendix G.

Aroclor-1016 was detected only in sample BGH-SB(2)-52 at 41 μ g/kg. The SQL was 35 μ g/kg so this is observed contamination but it does not exceed the benchmarks.

Aroclor-1260 was detected in samples BGH-SB(2)-52 (at 34 μ g/kg) and BGH-SB(2)-71 (at 51 μ g/kg). The SQL was 35 μ g/kg so the detection in sample BGH-SB(2)-71 is observed contamination but the benchmarks were not exceeded.

8.4.3.b Results for PCBs in Subsurface Soil No PCBs were detected in the deep soil samples.

8.4.4 Results for Pesticides in Soil Twenty (of the 21) pesticides analyzed for were detected in soil samples at the site. Only toxaphene was not detected. A summary of the 21 pesticides analyzed for, along with their associated benchmark values are presented in Table 4. The unvalidated laboratory data package is included as Appendix G.

8.4.4.a Results for Pesticides in Surface Soil Eighteen of the 21 pesticides that were analyzed for, were detected in surface soils samples (0 to 6 inches bgs). The detected pesticides are summarized on Table 12. The un-validated laboratory data is included as Appendix G.

The pesticide beta-BHC was detected in 11 of the 23 surface soil samples. Concentrations ranged from 0.059 μ g/kg (in sample BGH-SF(0.5)-53) to 0.61 μ g/kg (in sample BGH-SF(0.5)-66). The SQL was 1.8 μ g/kg so there is no observed contamination. The benchmark (CRS) is 350 μ g/kg.

Delta-BHC was detected in sample BGH-SF(0.5)-72 (at 0.58 μg/kg) and in sample BGH-SF(0.5)-71 (at 200 μg/kg). The SQL was 1.8 μg/kg so the detection in sample BGH-SF(0.5)-71 is observed contamination, but delta-BCH is not listed on SCDM.

Heptachlor, which has a benchmark (CRS) of 140 μ g/kg, was detected in surface soil sample BGH-SF(0.5)-52 (at 0.066 μ g/kg). The SQL was 1.8 μ g/kg so there was no observed contamination.

Aldrin was detected only in the background sample (sample BGH-SF(0.5)-50 at 0.044 μ g/kg). The SQL was 1.8 μ g/kg, so there is no observed contamination. Aldrin has a benchmark (CRS) of 38 μ g/kg.

Heptachlor epoxide was detected in 8 surface soil samples in concentrations ranging from 0.055 μ g/kg (in sample BGH-SF(0.5)-61) to 1.6 μ g/kg (in sample BGH-SF(0.5)-73). The SQL was 1.8 μ g/kg, so there is no observed contamination. The benchmark (CRS) for this compound is 70 μ g/kg.

Endosulfan I was detected 4 times. Concentrations ranged from 0.04 μ g/kg (in sample BGH-SF(0.5)-72) to 0.43 μ g/kg (in sample BGH-SF(0.5)-53). The SQL was 1.8 μ g/kg so there is no observed contamination. The benchmark (RfDS) for Endosulfan I is 470,000 μ g/kg.

The pesticide dieldrin was detected in 13 of the 23 surface soil samples. The concentration in sample BGH-SF(0.5)-70 was 10 μ g/kg and all other concentrations ranged from 0.075 μ g/kg (in

sample BGH-SF(0.5)-52) to 1.6 μ g/kg (in sample BGH-SF(0.5)-71). The SQL was 3.5 μ g/kg so there is only observed contamination in sample BGH-SF(0.5)-70. The benchmark (CRS) is 40 μ g/kg.

4,4-DDE was detected in all but 4 of the surface soil samples. Concentrations varied from 0.095 μ g/kg (in sample BGH-SF(0.5)-74) to 41 μ g/kg (in sample BGH-SF(0.5)-73). The SQL was 3.5 μ g/kg so the criteria for observed contamination were met in 8 of the samples. 4,4-DDE has a benchmark (CRS) of 1,900 μ g/kg.

Endrin was detected in 12 surface soil samples in concentrations ranging from 0.071 μ g/kg (in sample BGH-SF(0.5)-64) to 1.3 μ g/kg (in sample BGH-SF(0.5)-53). The SQL was 3.5 μ g/kg, so there is no observed contamination. The benchmark (RfDS) for this compound is 23,000 μ g/kg.

Endosulfan II was detected 12 times. The concentration in sample BGH-SF(0.5)-55 was 10 μ g/kg and all other concentrations ranged from 0.051 μ g/kg (in sample BGH-SF(0.5)-75) to 1.5 μ g/kg (in sample BGH-SF(0.5)-53). The SQL was 3.5 μ g/kg so there is only observed contamination in sample BGH-SF(0.5)-55. The benchmark (RfDS) is 470,000 μ g/kg.

4,4-DDD was detected in 12 of the 23 surface soil samples. Concentrations ranged from 0.17 μ g/kg (in sample BGH-SF(0.5)-72) to 2.7 μ g/kg (in sample BGH-SF(0.5)-69). The SQL was 3.5 μ g/kg so there is no observed contamination. The benchmark (CRS) for 4,4-DDD is 2,700 μ g/kg.

Endosulfan sulfate was detected 2 times. The concentration in sample BGH-SF(0.5)-64 was 0.49 μg/kg and the concentration in sample BGH-SF(0.5)-53 was 0.8 μg/kg. The SQL was 3.5 μg/kg so the criteria for observed contamination were not met. Endosulfan sulfate is not listed on SCDM.

The pesticide 4,4-DDT was detected in 18 of the 23 surface soil samples. In 10 of the samples the concentrations exceeded the SQL of 3.5 μ g/kg and were high enough to constitute observed contamination. Concentrations ranged from 0.072 μ g/kg (in sample BGH-SF(0.5)-74) to 140 μ g/kg (in sample BGH-SF(0.5)-60). The benchmark (CRS) for 4,4-DDT is 1,900 μ g/kg.

Methoxychlor was detected in 9 of the surface soil samples. The concentration in sample BGH-SF(0.5)-55 was 20 μ g/kg and all other concentrations ranged from 0.43 μ g/kg (in sample BGH-SF(0.5)-60) to 5.4 μ g/kg (in sample BGH-SF(0.5)-66). The SQL was 18 μ g/kg so there is only observed contamination in sample BGH-SF(0.5)-55. The benchmark (RfDS) is 390,000 μ g/kg.

Endrin ketone was detected in 7 of the surface soil samples. Concentrations ranged from 0.12 μ g/kg (in sample BGH-SF(0.5)-67) to 1.6 μ g/kg (in sample BGH-SF(0.5)-64) in 5 of the samples. Two other samples met the criteria for observed contamination with concentrations of 5 μ g/kg (sample BGH-SF(0.5)-55) and 6.6 μ g/kg (sample BGH-SF(0.5)-53) as the SQL was 3.5 μ g/kg. Endrin ketone is not listed on SCDM.

Endrin aldehyde was detected in 6 samples. Concentrations ranged from 0.12 μ g/kg (in sample BGH-SF(0.5)-67) to 4 μ g/kg (in sample BGH-SF(0.5)-69). The SQL was 3.5 μ g/kg so there is only observed contamination in sample BGH-SF(0.5)-69. Endrin aldehyde is listed on the SCDM but no benchmarks are given for the soil exposure pathway.

The pesticide alpha-chlordane was detected in 5 of the 23 surface soil samples. The SQL of 1.8 μ g/kg was not exceeded, so there is no observed contamination of alpha-chlordane. Concentrations ranged from 0.073 μ g/kg (in sample BGH-SF(0.5)-73) to 0.54 μ g/kg (in sample BGH-SF(0.5)-72). The benchmark (CRS) for alpha-chlordane is 1,800 μ g/kg.

Gamma-chlordane was detected 13 times in surface soil samples. Concentrations ranged from 0.039 μ g/kg (in sample BGH-SF(0.5)-52) to 1.4 μ g/kg (in samples BGH-SF(0.5)-69 and BGH-SF(0.5)-71). The SQL was 1.8 μ g/kg so there was no observed contamination for gamma-chlordane. The benchmark (CRS) for gamma-chlordane is 1,800 μ g/kg.

8.4.4.b Results for Pesticides in Subsurface Soil Nineteen of the 21 pesticides that were analyzed for, were detected in subsurface soils samples (6 to 24 inches bgs). The detected pesticides are summarized on Table 13. The un-validated laboratory data is included as Appendix G.

The pesticide alpha-BHC was detected in subsurface soil sample BGH-SB(2)-55 (at 0.068 µg/kg) and in sample BGH-SB(2)-64 (at 0.14 µg/kg). The SQL was 1.8 µg/kg so there was no observed contamination. Alpha-BCH has a benchmark (CRS) of 100 µg/kg.

Beta-BHC was detected in 6 of the 23 subsurface soil samples. Concentrations ranged from 0.083 μ g/kg (in sample BGH-SB(2)-72) to 0.25 μ g/kg (in sample BGH-SB(2)-65). The SQL was 1.8 μ g/kg so there is no observed contamination. The benchmark (CRS) is 350 μ g/kg.

Delta-BHC was detected only in sample BGH-SB(2)-71 at 84 μ g/kg. This exceeds the SQL of 1.8 μ g/kg so the detection in sample BGH-SB(2)-71 is observed contamination. Delta-BCH is not listed on SCDM.

Gamma-BHC (Lindane) was detected in 1 sample, BGH-SB(2)-52, at 3.1 μg/kg. The SQL was 1.8 μg/kg so this detection meets the criteria of observed contamination. Gamma-BHC (Lindane) has a benchmark (CRS) of 490 μg/kg.

Heptachlor, which has a benchmark (CRS) of 140 μ g/kg, was detected in subsurface soil samples BGH-SB(2)-53 (at 0.091 μ g/kg) and BGH-SB(2)-52 (at 14 μ g/kg). The SQL was 1.8 μ g/kg so the detection in sample BGH-SB(2)-52 was observed contamination.

Aldrin was detected only in samples BGH-SB(2)-69 (at $0.36 \mu g/kg$) and BGH-SB(2)-52 (at $16 \mu g/kg$). The SQL was $1.8 \mu g/kg$, so sample BGH-SB(2)-52 had observed contamination. Aldrin has a benchmark (CRS) of $38 \mu g/kg$.

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Heptachlor epoxide was detected in 2 subsurface soil samples. It was detected at $0.14 \mu g/kg$ in sample BGH-SB(2)-54 and at $0.26 \mu g/kg$ in sample BGH-SB(2)-71. The SQL was $1.8 \mu g/kg$, so there is no observed contamination. The benchmark (CRS) for this compound is $70 \mu g/kg$.

Endosulfan I was detected only in sample BGH-SB(2)-65 (at 0.045 μ g/kg). The SQL was 1.8 μ g/kg so there is no observed contamination. The benchmark (RfDS) for Endosulfan I is 470,000 μ g/kg.

The pesticide dieldrin was detected in 6 of the 23 subsurface soil samples. The concentration in sample BGH-SB(2)-52 was 30 μ g/kg and all other concentrations ranged from 0.066 μ g/kg (in sample BGH-SB(2)-66) to 1.1 μ g/kg (in sample BGH-SB(2)-71). The SQL was 3.5 μ g/kg so there is only observed contamination in sample BGH-SB(2)-52. The benchmark (CRS) is 40 μ g/kg.

4,4-DDE was detected in 10 of the subsurface soil samples. The concentration in sample BGH-SB(2)-69 was 210 μ g/kg and all other concentrations ranged from 0.11 μ g/kg (in sample BGH-SB(2)-63) to 11 μ g/kg (in sample BGH-SB(2)-53). The SQL was 3.5 μ g/kg so the criteria for observed contamination were met in 4 of the samples. 4,4-DDE has a benchmark (CRS) of 1,900 μ g/kg.

Endrin was detected in 7 subsurface soil samples. The concentration in sample BGH-SB(2)-52 was 30 μ g/kg and all other concentrations ranged from 0.064 μ g/kg (in sample BGH-SB(2)-61) to 0.9 μ g/kg (in sample BGH-SB(2)-71). The SQL was 3.5 μ g/kg, so there is observed contamination in sample BGH-SB(2)-52. The benchmark (RfDS) for this compound is 23,000 μ g/kg.

Endosulfan II was detected 5 times. The concentrations ranged from 0.069 μ g/kg (in sample BGH-SB(2)-61) to 1.3 μ g/kg (in sample BGH-SB(2)-69). The SQL was 3.5 μ g/kg, so the criteria for observed contamination were not met. The benchmark (RfDS) is 470,000 μ g/kg.

4,4-DDD was detected in 5 of the 23 subsurface soil samples. The concentration in sample BGH-SB(2)-69 was 17 μ g/kg and all other concentrations ranged from 0.18 μ g/kg (in sample BGH-SB(2)-65) to 0.38 μ g/kg (in sample BGH-SB(2)-52). The SQL was 3.5 μ g/kg so sample BGH-SB(2)-69 had observed contamination. The benchmark (CRS) for 4,4-DDD is 2,700 μ g/kg.

The pesticide 4,4-DDT was detected in 11 of the 23 subsurface soil samples. In 5 of the samples the concentrations exceeded the SQL of $3.5\mu g/kg$ and were high enough to constitute observed contamination. Concentrations ranged from $0.11 \mu g/kg$ (in sample BGH-SB(2)-63) to $20 \mu g/kg$ (in sample BGH-SB(2)-52) with the exception of sample BGH-SB(2)-69, which had a concentration of 960 $\mu g/kg$. The benchmark (CRS) for 4,4-DDT is 1,900 $\mu g/kg$.

Methoxychlor was detected in 4 of the subsurface soil samples. Concentrations ranged from 0.92 μ g/kg (in sample BGH-SB(2)-71) to 11 μ g/kg (in sample BGH-SB(2)-54). The SQL was 18 μ g/kg so there is no observed contamination. The benchmark (RfDS) is 390,000 μ g/kg.

Endrin ketone was detected in 5 of the subsurface soil samples. Concentrations ranged from 0.32 μ g/kg (in sample BGH-SB(2)-73) to 5.2 μ g/kg (in sample BGH-SB(2)-69). Sample BGH-SB(2)-69 was the only sample that met the criteria for observed contamination as the SQL was 3.5 μ g/kg. Endrin ketone is not listed on SCDM.

Endrin aldehyde was detected in 5 samples. Concentrations ranged from $0.059 \,\mu g/kg$ (in sample BGH-SB(2)-70) to $0.91 \,\mu g/kg$ (in sample BGH-SB(2)-52). The SQL was $3.5 \,\mu g/kg$ so there is no observed contamination. Endrin aldehyde is listed on the SCDM, but no benchmarks are given for the soil exposure pathway.

The pesticide alpha-chlordane was detected in 4 of the 23 subsurface soil samples. The SQL of $1.8 \mu g/kg$ was exceeded in sample BGH-SB(2)-54 at $2.6 \mu g/kg$; this is the only occurrence of observed contamination of alpha-chlordane. Concentrations ranged from $0.032 \mu g/kg$ (in sample BGH-SB(2)-61) to $0.15 \mu g/kg$ (in sample BGH-SB(2)-65) among the other 3 samples where it was detected. The benchmark (CRS) for alpha-chlordane is $1,800 \mu g/kg$.

Finally, gamma-chlordane was detected 11 times in subsurface soil samples. Concentrations ranged from 0.038 μ g/kg (in sample BGH-SB(2)-63) to 3 μ g/kg (in sample BGH-SB(2)-54). The SQL was 1.8 μ g/kg and there was one observed contamination for gamma-chlordane. The benchmark (CRS) for gamma-chlordane is 1,800 μ g/kg.

8.4.4.c Results for Pesticides in Deep Soil Seven of the 21 pesticides that were analyzed for, were detected in deep soils samples (>17 feet bgs). The detected pesticides are summarized on Table 15. The un-validated laboratory data is included as Appendix G.

The pesticide beta-BHC was detected in 3 of the 11 deep soil samples. Concentrations ranged from 0.075 μ g/kg (in sample BGH-SS(22)-51) to 0.11 μ g/kg (in sample BGH-SS(17)-54). The SQL was 1.8 μ g/kg so there is no observed contamination. The benchmark (CRS) is 350 μ g/kg.

Heptachlor epoxide was detected at 0.054 μ g/kg in sample BGH-SS(22)-51. This was the only detection of heptachlor epoxide in deep soil samples. The SQL was 1.8 μ g/kg, so there is no observed contamination. The benchmark (CRS) for this compound is 70 μ g/kg.

Endosulfan I was detected only in sample BGH-SS(35)-55 (at 0.058 μ g/kg). The SQL was 1.8 μ g/kg so there is no observed contamination. The benchmark (RfDS) for Endosulfan I is 470,000 μ g/kg.

The pesticide dieldrin was detected only in sample BGH-SS(35)-55 at 0.067 μ g/kg. The SQL was 3.5 μ g/kg so there no observed contamination. The benchmark (CRS) is 40 μ g/kg.

4,4-DDT was detected in samples BGH-SS(35)-55 at 0.38 μ g/kg and BGH-SS(20)-55) at 0.52 μ g/kg. The SQL of 3.5 μ g/kg was not exceeded. The benchmark (CRS) for 4,4-DDT is 1,900 μ g/kg.

Methoxychlor was detected in 3 of the deep soil samples. Concentrations ranged from 0.33 μ g/kg (in sample BGH-SS(162)-50) to 0.67 μ g/kg (in sample BGH-SS(35)-55). The SQL was 18 μ g/kg so there is no observed contamination. The benchmark (RfDS) is 390,000 μ g/kg.

Gamma-chlordane was detected in samples BGH-SS(35)-55 at (0.038 μg/kg) and BGH-SS(20)-55) at 0.041 μg/kg. The SQL was 1.8 μg/kg so there was no observed contamination for gamma-chlordane. The benchmark (CRS) for gamma-chlordane is 1,800 μg/kg.

8.4.5 Results for Total Metals in Soil Compounds that are reported in the total metals analysis occur naturally, as opposed to organic compounds (i.e., VOCs, SVOCs, PCBs, and pesticides, the majority of which are manmade). Thus, compounds reported in the total metals analysis typically are detected in more abundance than organic compounds. This is further evidenced by the fact that metals results are reported in mg/kg rather than $\mu g/kg$.

Additionally, total metals analytical results are reported not only for analytes that might be of potential health concern, but also for a number of chemicals that are normal constituents of the human body and that are required for good health. These chemicals include aluminum, calcium, potassium, sodium, magnesium, and iron. Concentrations of these beneficial nutrients were not reported for soil samples, but exposure to these chemicals is generally not of concern and will not be discussed further. The un-validated laboratory data package is included as Appendix G.

8.4.5.a Results for Total Metals in Surface Soil The results of the total metals analyses in surface soil samples (0 to 6 inches bgs) are summarized on Table 15. The un-validated laboratory data is included as Appendix G.

Antimony was detected in 21 of the 23 of the surface soil samples in concentrations ranging from 0.07 mg/kg (in sample BGH-SF(0.5)-64) to 0.35 mg/kg (in sample BGH-SF(0.5)-75). There was no observed contamination for antimony in surface soil samples as the background concentration (sample BGH-SF(0.5)-50) was 0.14 mg/kg. SCDM lists a benchmark (RfDS) of 31 mg/kg for antimony.

Arsenic was detected in all 23 surface soil samples at concentrations ranging from 1.9 mg/kg (in sample BGH-SF(0.5)-61) to 13.7 mg/kg (in sample BGH-SF(0.5)-75). Three of the samples met the criteria for observed arsenic contamination as the background concentration (sample BGH-SF(0.5)-50) was 3.4 mg/kg. SCDM lists a benchmark of 0.43 mg/kg (CRS), so all 23 arsenic detections in surface soil exceeded this benchmark.

Barium was detected in all 23 samples in concentrations ranging from 33.1 mg/kg (in the background sample, BGH-SF(0.5)-50) to 106 mg/kg (in sample BGH-SF(0.5)-51). Observed

barium contamination occurred in sample BGH-SF(0.5)-51. The benchmark (RfDS) for barium is 5,500 mg/kg and this was not exceeded in any of the samples.

Beryllium has a benchmark (RfDS) of 160 mg/kg. Beryllium was detected in all 23 surface soil samples in concentrations ranging from 0.15 mg/kg (in sample BGH-SF(0.5)-61) to 0.84 mg/kg (in sample BGH-SF(0.5)-68). Observed beryllium contamination occurred in 3 of the samples because the background concentration (sample BGH-SF(0.5)-50) was 0.17 mg/kg.

Cadmium too, was detected in all 23 surface soil samples. The benchmark (RfDS) for cadmium is 39 mg/kg. Concentrations ranged from 0.09 mg/kg (in the background sample, BGH-SF(0.5)-50) to 0.45 mg/kg (in sample BGH-SF(0.5)-70). Observed cadmium contamination occurred in 6 samples.

Chromium was detected in all 23 of the surface soil samples at concentrations ranging from 3.6 mg/kg (in sample BGH-SF(0.5)-54) to 19.4 mg/kg (in sample BGH-SF(0.5)-75). The background concentration (sample BGH-SF(0.5)-50) was 6.1 mg/kg so 3 of the samples met the criteria for observed chromium contamination. SCDM lists a benchmark of 230 mg/kg (RfDS).

Cobalt was also detected in all 23 of the samples collected from the surface soil. Concentrations ranged from 2 mg/kg (in sample BGH-SF(0.5)-61) to 10.8 mg/kg (in sample BGH-SF(0.5)-68) with a background concentration (sample BGH-SF(0.5)-50) of 2.7 mg/kg. Observed cobalt contamination occurred in 7 of the samples but SCDM gives no benchmark values for cobalt in soil.

Copper was detected in all 23 samples with concentrations ranging from 5.8 mg/kg (in sample BGH-SF(0.5)-54) to 27.9 mg/kg (in sample BGH-SF(0.5)-66). Observed contamination of copper occurred in 8 of the samples as the background copper concentration (sample BGH-SF(0.5)-50) was 6.3 mg/kg. SCDM lists no benchmark concentrations for copper in the soil exposure pathway.

Lead concentrations ranged from 6.3 mg/kg (in the background sample, BGH-SF(0.5)-50) to 31.8 mg/kg (in sample BGH-SF(0.5)-70). Observed contamination for lead was found in 10 of the samples with the background concentration (sample BGH-SF(0.5)-50) being 6.3 mg/kg. SCDM lists no benchmark concentrations for lead in soil. The lead concentrations in surface soil at this site do not exceed the screening level of 400 mg/kg recommended in EPA's Revised Interim Lead Guidance (EPA, 1994), so they do not appear elevated enough to warrant any cleanup effort.

Manganese was detected in all surface soil samples. The concentrations ranged from 119 mg/kg (in sample BGH-SF(0.5)-61) to 621 mg/kg (in sample BGH-SF(0.5)-75) with a background concentration (in sample BGH-SF(0.5)-50) of 178 mg/kg. The criteria for observed contamination of manganese were met in 2 samples. The SCDM benchmark (RfDS) for manganese is 11,000 mg/kg.

Mercury concentrations in surface soil samples ranged from 0.0069 mg/kg (in the background sample BGH-SF(0.5)-50) to 0.14 mg/kg (in sample BGH-SF(0.5)-70). Observed mercury contamination occurred in 14 samples. SCDM lists a benchmark (RfDS) for mercury of 23 mg/kg.

Nickel was detected in all 23 samples as well. Concentrations ranged from 4.3 mg/kg (in sample BGH-SF(0.5)-61) to 23.4 mg/kg (in sample BGH-SF(0.5)-68). The nickel concentration in the background sample (BGH-SF(0.5)-50) was 6.3 mg/kg so observed contamination of nickel occurred in 4 samples. SCDM lists a benchmark of 1,600 mg/kg (RfDS) for nickel.

Selenium was detected in 21 of the 23 surface soil samples. Observed selenium contamination did not occur as concentrations ranged from 0.12 mg/kg (in sample BGH-SF(0.5)-54) to 0.29 mg/kg (in sample BGH-SF(0.5)-75) with a background concentration (in sample BGH-SF(0.5)-50) of 0.14 mg/kg. The benchmark concentration (RfDS) for selenium is 390 mg/kg, which was not exceeded.

Silver was undetected in 5 of the samples, including the background sample (BGH-SF(0.5)-50) with an SQL of 0.21 mg/kg. In the remaining 18 samples, concentrations ranged from 0.06 mg/kg (in sample BGH-SF(0.5)-63) to 1.5 mg/kg (in sample BGH-SF(0.5)-52) with 4 samples meeting the criteria for observed contamination. SCDM lists a benchmark of 390 mg/kg (RfDS) for silver.

Thallium was undetected in sample BGH-SF(0.5)-55. In the other samples, concentrations ranged from 0.02 mg/kg (in samples BGH-SF(0.5)-61 and BGH-SF(0.5)-63) to 0.15 mg/kg (in sample BGH-SF(0.5)-68) with the background sample concentration (BGH-SF(0.5)-50) of 0.022 mg/kg). Observed thallium contamination therefore occurred in 9 of the samples. SCDM lists no benchmark concentrations for thallium in the soil exposure pathway.

Vanadium was detected in all 23 surface soil samples. Concentrations ranged from 4.2 mg/kg (in sample BGH-SF(0.5)-54) to 24.1 mg/kg (in sample BGH-SF(0.5)-68). SCDM lists a vanadium benchmark of 550 mg/kg (RfDS), which was not exceeded. Six of the samples where vanadium was detected met the criteria for observed contamination as the background concentration (in sample BGH-SF(0.5)-50) was 6 mg/kg.

Zinc was detected in all 23 samples. Concentrations ranged from 16.1 mg/kg (in the background sample, BGH-SF(0.5)-50) to 57.8 mg/kg (in sample BGH-SF(0.5)-67). The criteria for observed zinc contamination were met in 8 samples. The SCDM benchmark (RfDS) for zinc is 23,000 mg/kg.

8.4.5.b Results for Total Metals in Subsurface Soil The results of the total metals analyses in subsurface soil samples (6 to 24 inches bgs) are summarized on Table 16. The un-validated laboratory data is included as Appendix G.

Antimony was detected in 18 of the 23 of the subsurface soil samples in concentrations ranging from 0.07 mg/kg (in sample BGH-SB(2)-69) to 1 mg/kg (in sample BGH-SB(2)-73). There was

one incident of observed contamination for antimony in subsurface soil samples as the background concentration (sample BGH-SB(2)-50) was 0.22 mg/kg. SCDM lists a benchmark (RfDS) of 31 mg/kg for antimony.

Arsenic was detected in all 23 subsurface soil samples at concentrations ranging from 1.8 mg/kg (in sample BGH-SB(2)-64) to 14.5 mg/kg (in sample BGH-SB(2)-73). Four of the samples met the criteria for observed arsenic contamination as the background concentration (sample BGH-SB(2)-50) was 3.9 mg/kg. SCDM lists a benchmark of 0.43 mg/kg (CRS) so all 23 arsenic detections in subsurface soil exceeded this benchmark.

Barium was detected in all 23 samples in concentrations ranging from 17.3 mg/kg (in sample BGH-SB(2)-64) to 121 mg/kg (in sample BGH-SB(2)-60). The background sample (BGH-SB(2)-50) had a concentration of 35.1 mg/kg so observed barium contamination occurred in 2 samples. The benchmark (RfDS) for barium is 5,500 mg/kg and this was not exceeded in any of the samples.

Beryllium has a benchmark (RfDS) of 160 mg/kg. Beryllium was detected in all 23 subsurface soil samples in concentrations ranging from 0.1 mg/kg (in sample BGH-SB(2)-64) to 0.76 mg/kg (in sample BGH-SB(2)-68). Observed beryllium contamination occurred in 2 of the samples because the background concentration (sample BGH-SB(2)-50) was 0.19 mg/kg.

Cadmium too, was detected in all 23 subsurface soil samples. The benchmark (RfDS) for cadmium is 39 mg/kg. Concentrations ranged from 0.02 mg/kg (in sample BGH-SB(2)-64) to 0.36 mg/kg (in sample BGH-SB(2)-70). The background sample (BGH-SB(2)-50) had a concentration of 0.11 mg/kg. Observed cadmium contamination occurred only in sample BGH-SB(2)-70.

Chromium was detected in all 23 of the subsurface soil samples at concentrations ranging from 2.8 mg/kg (in sample BGH-SB(2)-64) to 38.8 mg/kg (in sample BGH-SB(2)-75). The background concentration (sample BGH-SB(2)-50) was 5.7 mg/kg so 7 of the samples met the criteria for observed chromium contamination. SCDM lists a benchmark of 230 mg/kg (RfDS).

Cobalt was also detected in all 23 of the samples collected from the subsurface soil. Concentrations ranged from 1.6 mg/kg (in sample BGH-SB(2)-64) to 10.9 mg/kg (in sample BGH-SB(2)-60) with a background concentration (sample BGH-SB(2)-50) of 2.5 mg/kg. Observed cobalt contamination occurred in 11 of the samples but SCDM gives no benchmark values for cobalt in soil.

Copper was detected in all 23 samples with concentrations ranging from 3.3 mg/kg (in sample BGH-SB(2)-64) to 28.2 mg/kg (in sample BGH-SB(2)-73). Observed contamination of copper occurred in 8 of the samples as the background copper concentration (sample BGH-SB(2)-50) was 6.3 mg/kg. SCDM lists no benchmark concentrations for copper in the soil exposure pathway.

Lead concentrations ranged from 2.8 mg/kg (in sample BGH-SB(2)-64) to 36.9 mg/kg (in sample BGH-SB(2)-73). Observed contamination for lead was observed in sample BGH-SB(2)-73 with the background concentration (sample BGH-SB(2)-50) being 6.5 mg/kg. SCDM lists no benchmark concentrations for lead in soil. The lead concentrations in subsurface soil at this site do not exceed the screening level of 400 mg/kg recommended in EPA's Revised Interim Lead Guidance (EPA, 1994), so they do not appear elevated enough to warrant any cleanup effort.

Manganese was detected in all subsurface soil samples. The concentrations ranged from 72.1 mg/kg (in sample BGH-SB(2)-55) to 592 mg/kg (in sample BGH-SB(2)-68) with a background concentration (in sample BGH-SB(2)-50) of 174 mg/kg. The criteria for observed contamination of manganese were met in 6 samples. The SCDM benchmark (RfDS) for manganese is 11,000 mg/kg.

Mercury concentrations in subsurface soil samples ranged from 0.0076 mg/kg (in samples BGH-SB(2)-52 and BGH-SB(2)-64) to 0.057 mg/kg (in sample BGH-SB(2)-71). The background mercury concentration (in sample BGH-SB(2)-50) was 0.012 mg/kg, so 2 samples met the criteria for observed contamination. SCDM lists a benchmark (RfDS) for mercury of 23 mg/kg.

Nickel was detected in all 23 samples as well. Concentrations ranged from 2.9 mg/kg (in sample BGH-SB(2)-64) to 24.7 mg/kg (in sample BGH-SB(2)-75). The nickel concentration in the background sample (BGH-SB(2)-50) was 5.2 mg/kg so observed contamination of nickel occurred in 11 samples. SCDM lists a benchmark of 1,600 mg/kg (RfDS) for nickel.

Selenium was detected in 18 of the 23 subsurface soil samples. Observed selenium contamination did not occur as concentration ranged from 0.12 mg/kg (in sample BGH-SB(2)-62) to 0.32 mg/kg (in sample BGH-SB(2)-70) with a background concentration (in sample BGH-SB(2)-50) of 0.13 mg/kg. The benchmark concentration (RfDS) for selenium is 390 mg/kg, which was not exceeded.

Silver was undetected in 12 of the samples, including the background sample (BGH-SB(2)-50) with an SQL of 0.21 mg/kg. In the remaining 11 samples, concentrations ranged from 0.068 mg/kg (in sample BGH-SB(2)-75) to 0.54 mg/kg (in sample BGH-SB(2)-52) with 3 samples meeting the criteria for observed contamination. SCDM lists a benchmark of 390 mg/kg (RfDS) for silver.

Thallium was undetected in 5 of the 23 subsurface soil samples. In the other 18 samples, concentrations ranged from 0.03 mg/kg (in the background sample BGH-SB(2)-50) to 0.18 mg/kg (in sample BGH-SB(2)-73). Observed thallium contamination occurred in 6 of the subsurface soil samples. SCDM lists no benchmark concentrations for thallium in the soil exposure pathway.

Vanadium was detected in all 23 subsurface soil samples. Concentrations ranged from 3 mg/kg (in sample BGH-SB(2)-64) to 23.9 mg/kg (in sample BGH-SB(2)-68). SCDM lists a vanadium benchmark of 550 mg/kg (RfDS), which was not exceeded. Seven of the samples where

vanadium was detected met the criteria for observed contamination as the background concentration (in sample BGH-SB(2)-50) was 6.1 mg/kg.

Zinc was detected in all 23 samples. Concentrations ranged from 5.9 mg/kg (in sample BGH-SB(2)-64) to 74 mg/kg (in sample BGH-SB(2)-73). The background concentration (in sample BGH-SB(2)-50 was 14.9 mg/kg so the criteria for observed zinc contamination were met in 6 samples. The SCDM benchmark (RfDS) for zinc is 23,000 mg/kg.

8.4.5.c Results for Total Metals in Deep Soils The results of the total metals analyses in deep soil samples (>17 feet bgs) are summarized on Table 17. The un-validated laboratory data is included as Appendix G.

Antimony was detected in 10 of the 11 deep soil samples collected from well boreholes in concentrations ranging from 0.071 mg/kg (in the background sample BGH-SS(20)-50) to 0.26 mg/kg (in sample BGH-SS(20)-53). There were 2 incidents of observed contamination for antimony in deep soil samples. SCDM lists a benchmark (RfDS) of 31 mg/kg for antimony.

Arsenic was detected in all 11 deep soil samples at concentrations ranging from 3.1 mg/kg (in sample BGH-SS(22)-51) to 23.5 mg/kg (in sample BGH-SS(20)-55). One of the samples met the criteria for observed arsenic contamination as the background concentration (sample BGH-SS(20)-50) was 6.4 mg/kg. SCDM lists a benchmark of 0.43 mg/kg (CRS) so all arsenic detections in deep soil samples exceeded this benchmark.

Barium was detected in all deep soil samples in concentrations ranging from 11.9 mg/kg (in sample BGH-SS(35)-64) to 88.6 mg/kg (in sample BGH-SS(20)-55). The background sample (BGH-SS(20)-50) had a concentration of 12.5 mg/kg so observed barium contamination occurred in 3 samples. The benchmark (RfDS) for barium is 5,500 mg/kg and this was not exceeded in any of the samples.

Beryllium has a benchmark (RfDS) of 160 mg/kg. Beryllium was detected in all 11 deep soil samples in concentrations ranging from 0.077 mg/kg (in the background sample, BGH-SS(20)-50) to 0.39 mg/kg (in sample BGH-SS(22)-51). Observed beryllium contamination occurred in 2 of the samples.

Cadmium was also detected in all 11 deep soil samples. The benchmark (RfDS) for cadmium is 39 mg/kg. Concentrations ranged from 0.016 mg/kg (in the background sample, BGH-SS(20)-50) to 0.14 mg/kg (in sample BGH-SB(2)-70). Observed cadmium contamination occurred in 6 samples.

Chromium was detected in all 11 of the deep soil samples at concentrations ranging from 3.7 mg/kg (in the background sample, BGH-SS(20)-50) to 159 mg/kg (in sample BGH-SS(162)-50). Both the high and low concentration samples were collected from the same borehole but at different depths. The criteria for observed chromium contamination were met in 7 of the 11 samples, but the SCDM benchmark (RfDS) of 230 mg/kg was not exceeded.

Cobalt was also detected in all 11 of the samples collected from the deep soil. Concentrations ranged from 3.2 mg/kg (in the background sample, BGH-SS(20)-50) to 15.4 mg/kg (in sample BGH-SS(SS)-55). Observed cobalt contamination occurred in 4 of the samples but SCDM gives no benchmark values for cobalt in soil.

Copper was detected in all 11 deep soil samples. The lowest concentration was detected in the background sample (BGH-SS(20)-50) at 7 mg/kg. The greatest observed copper concentration in deep soil samples was 36.1 mg/kg (in sample BGH-SS(162)-50). Again, both the high and low concentration samples were collected from the same borehole but at different depths. Observed contamination of copper occurred in 3 of the samples. SCDM lists no benchmark concentrations for copper in the soil exposure pathway.

Lead concentrations ranged from 3.8 mg/kg (in the background sample BGH-SS(20)-50) to 15 mg/kg (in sample BGH-SS(20)-55). Observed contamination for lead was observed in 3 samples. SCDM lists no benchmark concentrations for lead in soil. The lead concentrations in deep soil at this site do not exceed the screening level of 400 mg/kg recommended in EPA's Revised Interim Lead Guidance (EPA, 1994), so they do not appear elevated enough to warrant any cleanup effort.

Manganese was detected in all deep soil samples. The concentrations ranged from 134 mg/kg (in the background sample, BGH-SS(20)-50) to 577 mg/kg (in sample BGH-SS(162)-50). Again the high and low concentrations came from different depths in the same borehole. The criteria for observed contamination of manganese were met in 5 samples. The SCDM benchmark (RfDS) for manganese is 11,000 mg/kg.

Mercury concentrations in deep soil samples ranged from 0.003 mg/kg (in the background sample, BGH-SS(20)-50) to 0.016 mg/kg (in sample BGH-SS(22)-51) and mercury was undetected in 1 sample (BGH-SS(20)-51). Four samples met the criteria for observed contamination. SCDM lists a benchmark (RfDS) for mercury of 23 mg/kg.

Nickel was detected in all 11 deep soil samples as well. The minimum nickel concentration (6.2 mg/kg) was detected in the background sample (BGH-SS(20)-50). The maximum nickel concentration (55.1 mg/kg) was detected deeper in the same borehole (in sample BGH-SS(162)-50). Observed contamination of nickel occurred in 4 of the 11 deep soil samples. SCDM lists a benchmark of 1,600 mg/kg (RfDS) for nickel.

Selenium was only detected in 6 of the 11 subsurface soil samples. Observed selenium contamination occurred only in sample BGH-SS(20)-55 where the maximum concentration (0.8 mg/kg) was observed. The minimum selenium concentration was 0.11 mg/kg (in sample BGH-SS(17)-54). Selenium was undetected in the background sample (BGH-SS(20)-50) and the SQL was 0.72 mg/kg. The benchmark concentration (RfDS) for selenium is 390 mg/kg, which was not exceeded.

Silver was undetected in 4 of the samples, including the background sample (BGH-SS(20)-50) with an SQL of 0.21 mg/kg. In the remaining 7 samples, concentrations ranged from 0.2 mg/kg

(in samples BGH-SS(17)-54 and BGH-SS(35)-55) to 0.6 mg/kg (in sample BGH-SS(20)-52) with 3 samples meeting the criteria for observed contamination. SCDM lists a benchmark of 390 mg/kg (RfDS) for silver.

Thallium was undetected in 4 of the 11 deep soil samples. In the other 7 samples, concentrations ranged from 0.04 mg/kg (in samples BGH-SS(20)-53, BGH-SS(17)-54, and BGH-SS(20)-55) to 0.27 mg/kg (in sample BGH-SS(20)-55). Observed thallium contamination did not occur as thallium was undetected in the background sample (BGH-SS(20)-50) and the SQL was 0.52 mg/kg). SCDM lists no benchmark concentrations for thallium in the soil exposure pathway.

Vanadium was detected in all 11 deep soil samples. Concentrations ranged from 4.7 mg/kg (in the background sample, BGH-SS(20)-50) to 26 mg/kg (in sample BGH-SS(20)-55). SCDM lists a vanadium benchmark of 550 mg/kg (RfDS), which was not exceeded. Three of the samples where vanadium was detected met the criteria for observed contamination.

Zinc was detected in all 11 deep soil samples. Concentrations ranged from 11.8 mg/kg (in the background sample, BGH-SS(20)-50) to 45 mg/kg (in sample BGH-SS(20)-55). The criteria for observed zinc contamination were met in 3 samples. The SCDM benchmark (RfDS) for zinc is 23,000 mg/kg.

8.4.6 Results for Asbestos in Soil The results for the asbestos analyses are included in Appendix H. Asbestos was not identified in the samples collected at the site, so it is assumed that no asbestos is present.

9.0 AIR EXPOSURE PATHWAY

Approximately 19 inches of precipitation occurs in the Brigham City area each year. Temperatures range from 20 to 90 degrees Fahrenheit. Winds in the area blow predominately from the west with occasional easterly canyon winds (Ashcroft et al., 1992). The highest recorded wind gust in the area was 113 miles per hour (UCCW, 2005).

Approximately 340 people live on-site with an undetermined number of people who work and enter the site on a daily bases. Approximately 314 students are enrolled in the Mountain View Elementary School (Murdock, 2006). Construction is continuing on-site to include additional townhouses and homes. There is a resident population of 1,676 people living within a quartermile of the site increasing to 4,106 people within one mile (Murdock, 2006).

Air samples were not collected as part of this Site Inspection.

10.0 SUMMARY AND CONCLUSIONS

The BGH is located in Brigham City, Box Elder County, Utah, approximately 60 miles north of Salt Lake City. The site was the location of the BGH from 1942 to 1946. This facility was a military hospital used to treat personnel injured during World War II. From 1950 to 1984, the

facility was the home of the Intermountain Indian School. Brigham City took ownership of the site for a period of time since 1984. Brigham City constructed a golf course on part of the property and now the remaining portion of the facility is under private development.

The scope of sampling involved the installation of 6 wells and the collection of 7 ground-water samples (1 from each of these wells, plus a field duplicate). Surface water was collected from water features on the golf course, including a canal and ponds. A total of 5 surface-water samples were collected. Soil samples were collected from the surface (0-6) inches below ground surface (bgs)) and the subsurface (12-14) inches bgs) at each of the 6 well boreholes and at 16 other locations around the site. Additionally, deep soil samples were collected from various depths from the boreholes drilled for the wells. All totaled, 23 surface soil samples (including 1 duplicate sample), 23 subsurface soil samples (including 1 duplicate sample), and 11 deep soil samples (including 1 duplicate sample) were collected.

All collected samples were analyzed for volatile organic compounds (VOCs) [except for surface soils], semi-volatile organic compounds (SVOCs), poly chlorinated bi-phenyls (PCBs), pesticides, and total metals.

In addition, 18 other soil samples were collected (from different locations than the samples mentioned previously). These samples were biased and were analyzed for asbestos.

In ground-water samples no observed releases occurred for any analyses. Only 2 VOCs, 1 SVOC, and 4 pesticides were detected and all were significantly below SCDM benchmark concentrations. Furthermore, much of the site is covered by a golf course, so the presence of pesticides is expected and likely not associated with the operation of the hospital.

Several metals were detected in the ground-water samples. Metals detected in the analysis occur naturally so they are typically detected in more abundance than organic compounds. Only arsenic concentrations exceeded benchmark concentrations, but the SCDM Cancer Screening Risk Concentration for arsenic is very low (0.057 μ g/L). Arsenic concentrations in ground water ranged from 0.21 μ g/L to 1.7 μ g/L indicating that these detections are consistent and probably naturally occurring.

In surface-water samples only 2 VOCs, 4 SVOCs, and 4 pesticides were detected. All were significantly below SCDM benchmark concentrations. Several metals were detected in the surface-water samples. Again, only arsenic results exceeded benchmark concentrations. The SCDM Cancer Screening Risk Concentration for arsenic (of 0.057 μ g/L) also applies to the surface-water pathway. Arsenic concentrations in surface water ranged from 0.8 μ g/L to 0.92 μ g/L, again indicating that these detections are probably naturally occurring. Additionally, 2 detections of copper (at concentrations of 7.3 μ g/L and 8.1 μ g/L) met the criteria for observed release, but the benchmark (MCL) for copper in surface water is 1,300 μ g/L.

Only 4 VOCs were detected in the subsurface and deep soil samples and all detections were orders of magnitude below corresponding benchmarks. Additionally, 20 pesticides (of 21 analyzed for) and 3 PCBs (of 9 analyzed for) were detected in soil samples. Some of these

detections met the criteria for observed contamination but all were significantly below benchmark concentrations.

Twenty-five of 67 SVOCs analyzed for were detected in soil samples. Only 6 were detected in deep soils while most of the 25 detected were found in surface and subsurface soils. Most of these were significantly (i.e., orders of magnitude) below benchmark concentrations, and while a few met the criteria for observed contamination, this was largely due to the fact that they were undetected in background samples. The exceptions were detections of benzo(a)pyrene in surface sample BGH-SF(0.5)-55 (at 520 μ g/L) and in subsurface soil sample BGH-SB(2)-69 (at 600 μ g/L), both of which exceeded the benchmark (Cancer Risk Screening Concentration) of 88 μ g/L and met the criteria for observed contamination. These 2 samples also exceeded the benchmark concentrations (Cancer Risk Screening Concentration of 88 μ g/L) for the compound dibenzo(a,h)anthracene; however these detections did not meet the criteria for observed dibenzo(a,h)anthracene contamination.

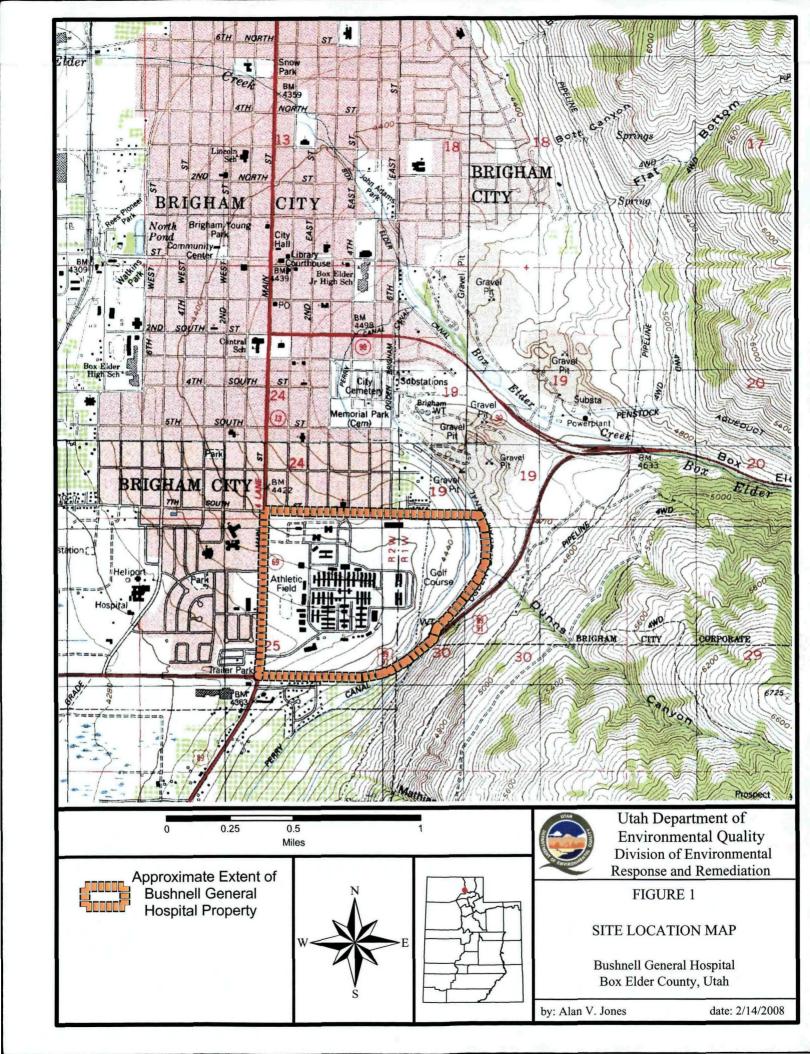
As with total metal results in the other pathways, metals were present in the soil exposure pathway, and while many of the metals met the criteria for observed contamination, all of these detections were significantly below benchmark concentrations with the exception of arsenic. As in the other pathways, the arsenic benchmark for the soil exposure pathway (Cancer Risk Screening Concentration) is relatively low (0.43 mg/kg). All soil samples (23 surface soil samples, 23 subsurface soil samples, and 11 deep soil samples) had arsenic concentrations that exceeded this benchmark. Additionally, 8 of the arsenic detections (3 of the surface soil samples, 4 of the subsurface soil samples, and 1 of the deep soil samples) met the criteria for observed contamination, but concentrations ranged from 1.9 mg/kg to 23.5 mg/kg, which are again consistent and likely to be naturally occurring.

No asbestos was detected in the 18 soil samples collected for asbestos. These soil samples were biased as they were collected from areas where asbestos contamination was suspected.

The analytical results indicate that there is relatively little contamination on the site. The contamination that was detected is extremely minimal and isolated and probably does not warrant further investigation. Furthermore, it is impossible to attribute that contamination to the operations associated with the BGH.

11.0 REFERENCES

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0 0.125 0.25 0.5 Miles



Approximate Extent of Bushnell General Hospital Property

Monitor Well Number (MW-#)

Ground-Water Sample # (BGH-GW-0#)







Utah Department of Environmental Quality Division of Environmental Response and Remediation

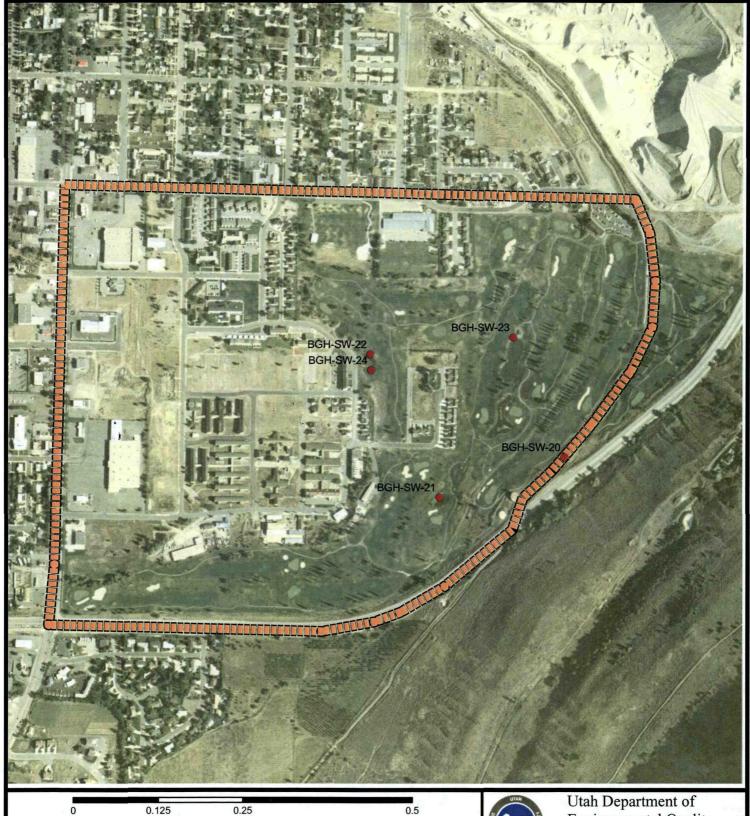
FIGURE 2

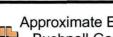
MONITOR WELL AND GROUND-WATER SAMPLE LOCATIONS

Bushnell General Hospital Box Elder County, Utah

by: Alan V. Jones

date: 2/14/2008





Approximate Extent of Bushnell General Hospital Property

0.125

Surface-Water Sample # (BGH-SW-2#)



0.25

Miles





Utah Department of **Environmental Quality** Division of Environmental Response and Remediation

FIGURE 3

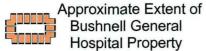
SURFACE-WATER SAMPLE LOCATIONS

Bushnell General Hospital Box Elder County, Utah

by: Alan V. Jones

date: 2/14/2008





- Locations where Surface and Subsurface Soil Samples were taken
- Well Boreholes where Surface, Subsurface, and Deep Soil Samples were taken



Miles





Utah Department of Environmental Quality Division of Environmental Response and Remediation

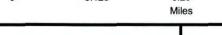
FIGURE 4

SOIL SAMPLE LOCATIONS

Bushnell General Hospital Box Elder County, Utah

by: Alan V. Jones date: 2/14/2008





Approximate Extent of Bushnell General Hospital Property

Asbestos Sample Locations







Utah Department of Environmental Quality Division of Environmental Response and Remediation

FIGURE 5

ASBESTOS SAMPLE LOCATIONS

Bushnell General Hospital Box Elder County, Utah

by: Alan V. Jones

date: 2/14/2008

Table 1. Results of Organic Compounds and Metals Detected in Blank Samples during the Site Inspection at the Bushnell General Hospital Site.

					Sample #	BGH-GW	-07	BGH-GW	-08	BGH-GV	V-10	BGH-GW-11	BGH-GV	V-12	BGH-GW	/-13	BGH-GV	V-27
					Traffic #	H1YE8		H1YE7		H1PW	/2	H1PZ7	H1YE	1	H1YE	2	H1YE	0
				and an artist of the	Blank Type	Field Bla	nk	Decon Bla	ank ⁴	Trip Bla	ank	Trip Blank	Trip Bla	ank	Trip Bla	nk	Decon Bl	ank⁵
	Analyte	CAS#		Benchmarks		μg/L	Q	μg/L	Q	μg/L	Q	μg/L Q	μg/L	Q	μg/L	Q	μg/L	Q
		07.04.4	MCL ¹	CRS ²	RfDS ³													
	Acetone	67-64-1	-		33,000 μg/L	37		31		24		34	32		29		25	
	Carbon Disulfide	75-15-0		3 / 7 / 1	3,700 μg/L	0 .15	J	0.5	U	0 .15	J	0 .5 U	0 .13	J	0 .5	U	0 .5	U
VOAs	Methylene Chloride	75-09-2	5 μg/L	11 μg/L	2,200 μg/L	1 .6	В	1 .4	В	1 .4		0 .76	1 .6		1 .5	В	0 .53	1
>	2-Butanone	78-93-3		100	22,000 μg/L	5	U	5	U	5	U	5 .9	5	U	5	U	5	U
	Chlorobenzene	108-90-7	100 μg/L	-	730 μg/L	0 .5	U	0 .5	U	0 .35	J	0 .52	0 .5	U	0 .5	U	0 .53	- 44
	Styrene	100-42-5	100 μg/L		7,300 μg/L	0.5	U	0.5	U	0 .5	U	1 .6	0 .5	U	0 .5	U	0 .27	J
SVOCS	Acetophenone	98-86-2	no	t listed on SC	DM	5	U	0 .89	J		Tr	ip Blanks are not	analyzed fo	r SVO	Cs		0 .74	J
	Heptachlor	76-44-8	0.4 μg/L	0.019 μg/L	18 μg/L	0 .0047	JP	0 .0044	JP							-14.0	0 .05	U
des	Heptachlor Epoxide	1024-57-3	0.2 μg/L	0.0094 μg/L	0.47 μg/L	0 .0076	JP	0 .0091	JP								0 .05	U
Pesticides	Dieldrin `	60-57-1	135	0.0053 μg/L	1.8 μg/L	0 .0023	JP	0 .0024	JP		Trip	Blanks are not a	nalyzed for	Pestic	ides		0 .0019	JP
Pes	Endrin Aldehyde	7421-93-4		-	Vel-1	0 .1	U	0 .0016	JP								0.1	U
	gamma-Chlordane	5103-74-2		0.24 μg/L	18 μg/L	0 .05	U	0 .05	U								0 .0011	JP
	Antimony	7440-36-0	6 μg/L	-1	15 μg/L	0 .096	J	0 .14	J			MADE AND		35 5			2	U
	Barium	7440-39-3	2,000 μg/L		2,600 μg/L	10	U	0 .18	J								10	U
2	Chromium	7440-47-3	100 μg/L	y 1-2-	110 μg/L	0 .49	J	0 .55	J								0 .53	J
Neta	Copper	7440-50-8	1,300 μg/L	117-14		0 .19	J	0 .41	J		т.	Disable are not as	al and for T				0 .2	J
Total Metals	Lead	7439-92-1	15 μg/L		1-2	0 .022	J	0 .036	J		ı rıp	Blanks are not ar	laryzed for i	otal IVI	ietais		0 .029	J
10	Manganese	7439-96-5	2114	1	5,100 μg/L	1	U	0 .39	J								0 .11	J
	Nickel	7440-02-0		-	730 μg/L	1	U	0 .088	J								1	U
	Zinc	7440-66-6		3 - 1	11,000 μg/L	2 .2	Z. V	3	4								1 .2	J

PCBs were not detected in any of the blank samples - trip blanks were not analyzed for PCBs

- Q = Data Qualifier
- J = Reported concentration is an estimate because quality control criteria were not met.
- P = Reported concentration is an estimate because quality control criteria were not met.
- B = This constituent was added to the laboratory blank
- = Undetected. The material was analyzed for, but was not detected above the associated value. Reported value is the detection limit.

¹ Maximum Contaminant Levels/ Maximum Contaminant Level Goals (from Superfund Chemical Data Matrix)

² Cancer Risk Screening Concentration (from Superfund Chemical Data Matrix)

³ Reference Dose Screening Concentration (for Non-Cancer Toxicological Responses - from Superfund Chemical Data Matrix)

⁴ Decontamination Blank (from the bladder pump used to collect ground-water samples)

⁵ Decontamination Blank (from the sampler used to collect soil samples)

Table 2. List of Volatile Organic Compounds (VOCs) that Samples Were Analyzed for, and the Associated Benchmark Values from the Superfund Chemical Data Matrix, at the Bushnell General Hospital Site.

			und Chemical Data		the second contract of	nical Data Matrix Samples)
		Maximum Contaminant Levels/ Maximum Contaminant Level Goals	Cancer Risk Screening Concentration	Reference Dose Screening Concentration for Non-Cancer Toxicological Responses	Cancer Risk Screening Concentration	Reference Dose Screening Concentration for Non-Cancer Toxicological Responses
Cas No.	Analyte	μg/L	μg/L	μg/L	μg/kg	μg/kg
75-71-8	Dichlorodifluoromethane					
74-87-3	Chloromethane					
75-01-4	Vinyl Chloride	2	0 .057	110	430	230,000
74-83-9	Bromomethane					
75-00-3	Chloroethane		-	S. P		
75-69-4	Trichlorofluoromethane		-	11,000		23,000,000
75-35-4	1, 1-Dichloroethene	7	-	1,800		3,900,000
76-13-1	1,1,2-Trichloro-1,2,2-Trifloroethane					
67-64-1	Acetone		-	33,000	-	7,000,000
75-15-0	Carbon Disulfide		-	3,700	-	7,800,000
79-20-9	Methyl Acetate					The Control of
75-09-2	Methylene Chloride	5	11	2,200	85000	4,700,000
156-60-5	trans-1, 2-Dichloroethene	100		730		1,600,000
1634-04-4	tert-Butyl Methyl Ether	-		THE STATE OF THE		
75-34-3	1, 1-Dichloroethane	-	-	3,700		7,800,000
156-59-2	cis-1, 2-Dichloroethene	70		360		780,000
78-93-3	2-Butanone		-	22,000	4	47,000,000
74-97-5	Bromochloromethane					
67-66-3	Chloroform	-		360		780,000
71-55-6	1, 1, 1-Trichloroethane	200		-		
110-82-7	Cyclohexane			N. Land		
56-23-5	Carbon Tetrachloride	5	0 .66	26	4900	55,000
71-43-2	Benzene	5	1 .5	150	12000	310,000
107-06-2	1, 2-Dichloroethane	5	0 .94		7000	
123-91-1	1, 4-Dioxane					
79-01-6	Trichloroethene	5	7 .7		58000	
108-87-2	Methylcyclohexane			Contract to		
78-87-5	1, 2-Dichloropropane	5	1 .3		9400	
75-27-4	Bromodichloromethane		1 .4	730	1000	1,600,000
10061-01-5	cis-1, 3-Dichloropropene					
108-10-1	4-Methyl-2-Pentanone			2,900		6,300,000
108-88-3	Toluene	1000	-	7,300		16,000,000
10061-02-6	trans-1, 3-Dichloropropene		of the same of the		they all the	
79-00-5	1, 1, 2-Trichloroethane	3	1 .5	150	11000	310,000
127-18-4	Tetrachloroethene	5	1 .6	360	12000	780,000
591-78-6	2-Hexanone					
124-48-1	Dibromochloromethane			No. of the last of		
106-93-4	1,2-Dibromoethane	-	0 .001		7 .5	-
108-90-7	Chlorobenzene	100	-	730	-	1,600,000
100-41-4	Ethylbenzene	700	-	3,700		7,800,000
95-47-6	o-Xylene	1,000		7,300		16,000,000
179601-23-1	m,p-Xylene	1,000		7,300	-	16,000,000
100-42-5	Styrene	100		7,300		16,000,000
75-25-2	Bromoform					
98-82-8	Isopropylbenzene			3,700	-	7,800,000
79-34-5	1, 1, 2, 2-Tetrachloroethane		0 .43		3200	
541-73-1	1, 3-Dichlorobenzene			7 4 4 3 - 2 A		
106-46-7	1, 4-Dichlorobenzene	75	3 .5		27000	
95-50-1	1, 2-Dichlorobenzene			Text Indiana		
96-12-8	1, 2-Dibromo-3-chloropropane	0 .2	0 .061		460	
	1, 2, 4-Trichlorobenzene	70		360		780,000
120-82-1	1, 2, 4-11ICHOLODEHZEHE					

Table 3. List of Semi-Volatile Organic Compounds (SVOCs) that Samples Were Analyzed for, and the Associated Benchmark Values from the Superfund Chemical Data Matrix, at the Bushnell General Hospital Site.

			und Chemical Da			mical Data Matrix Samples)
		Maximum Contaminant Levels/ Maximum Contaminant Level Goals	Cancer Risk Screening Concentration	Reference Dose Screening Concentration for Non-Cancer Toxicological Responses	Cancer Risk Screening Concentration	Reference Dose Screening Concentration for Non-Cancer Toxicological Responses
Cas No.	Analyte	μg/L	μg/L	μg/L	μg/kg	μg/kg
100-52-7	Benzaldehyde					
108-95-2	Phenol	- ·	-	11,000		23,000,000
11-44-4	bis(2-Chloroethyl) Ether					
95-57-8	2-Chlorophenol				Carried Y	
95-48-7	2-Methylphenol					
108-60-1	2, 2'-oxybis(1-Chloropropane)					5.84 July 1997
98-86-1	Acetophenone					
106-44-5	4-Methylphenol	-		180	K	390,000
621-64-7	N-Nitroso-di-n-propylamine					
67-72-1	Hexachloroethane					
98-95-3	Nitrobenzene					
78-59-1	Isophorone					
88-75-5	2-Nitrophenol					
105-67-9	2, 4-Dimethylphenol	-		730		1,600,000
111-91-1	bis(2-Chloroethoxy) methane					
120-83-2	2, 4-Dichlorophenol			110	-	230,000
91-20-3	Naphthalene	-		1,500	-	3,100,000
106-47-8	4-Chloroaniline					
87-68-3	Hexachlorobutadiene		1.1	7 .3	8,200	16,000
105-60-2	Caprolactam	DATE OF THE STATE OF			57	
59-50-7	4-Chloro-3-Methylphenol					
91-57-6	2-Methylnaphthalene		-	-	-L1	-
77-47-4	Hexachlorocyclopentadiene	not a little			AND THE STATE OF	
88-06-2	2, 4, 6-Trichlorophenol		7.7	-	58,000	
95-95-4	2, 4, 5-Trichlorophenol					
92-52-4	1,1'-Biphenyl		Tark			
91-58-7	2-Chloronaphthalene					
88-74-4	2-Nitroaniline			n - L		
131-11-3	Dimethylphthalate				1	
606-20-2	2, 6-Dinitrotoluene			111		
208-96-8	Acenaphthylene					V
99-09-2	3-Nitroaniline					
83-32-9	Acenaphthene			2,200		4,700,000

Table 3 (continued). List of Semi-Volatile Organic Compounds (SVOCs) that Samples Were Analyzed for, and the Associated Benchmark Values from the Superfund Chemical Data Matrix Samples, at the Bushnell General Hospital Site.

			und Chemical Dater Water Sample			mical Data Matrix Samples)
		Maximum Contaminant Levels/ Maximum Contaminant Level Goals	Cancer Risk Screening Concentration	Reference Dose Screening Concentration for Non-Cancer Toxicological Responses	Cancer Risk Screening Concentration	Reference Dose Screening Concentration for Non-Cancer Toxicological Responses
Cas No.	Analyte	μg/L	μg/L	μg/L	μg/kg	μg/kg
51-28-5	2, 4-Dinitrophenol					
100-02-7	4-Nitrophenol				4.5	
132-64-9	Dibenzofuran			150	-	310,000
121-14-2	2, 4-Dinitrotoluene	2				
84-66-2	Diethylphthalate			29,000	-	63,000,000
86-73-7	Fluorene			1,500		3,100,000
7005-72-3	4-Chlorophenyl-phenylether					
100-01-6	4-Nitroaniiline					
534-52-1	4, 6-Dinitro-2-methylphenol					
86-30-6	N-Nitrosodiphenylamine (1)	-	17	-	130,000	
95-94-3	1, 2, 4, 5-Tetrachlorobenzene			11	-	23,000
101-55-3	4-Bromophenyl-phenylether			* 1		
118-74-1	Hexachlorobenzene	1	0 .053	29	400	63,000
1912-24-9	Atrazine	Tra .				
87-86-5	Pentachlorophenol	1	0 .71	1,100	5,300	2,300,000
85-01-8	Phenanthrene			-	-	-
120-12-7	Anthracene	340 T		11,000		23,000,000
86-74-8	Carbazole		4 .3	- 1	32,000	E
84-74-2	Di-n-butylphthalate		The second	3,700	-	7,800,000
206-44-0	Fluoranthene			1,500		3,100,000
129-00-0	Pyrene	1		1,100	L - 1	2,300,000
85-68-7	Butylbenzylphthalate			7,300		16,000,000
91-94-1	3, 3'-Dichlorobenzidine			BOAT OF		
56-55-3	Benzo(a)anthracene		0 .12		880	P. P. L.
218-01-9	Chrysene		12	-4	88,000	-
117-81-7	bis(2-Ethylhexyl)phthalate	6	6 .1	730	46,000	1,600,000
117-84-0	Di-n-octylphthalate			730		1,600,000
205-99-2	Benzo (b) fluoranthene	73131 1115			Daniel Brand	THE RESERVE
207-08-9	Benzo (k) fluoranthene		1 .2		8,800	
50-32-8	Benzo (a) pyrene	0 .2	0 .012	- T - C - C	88	
193-39-5	Indeno (1, 2, 3-cd) pyrene		0 .12	-	880	
53-70-3	Dibenzo (a, h) anthracene		0 .012	13 1 <u>4-</u>	88	
191-24-2	Benzo (g, h, l) perylene					-
58-90-2	2, 3, 4, 6-Tetrachlorophenol					The state of the state of

Table 4. List of Pesticides and Polychlorinated Biphenyls (PCBs) that Samples Were Analyzed for, and the Associated Benchmark Values from the Superfund Chemical Data Matrix, at the Bushnell General Hospital Site.

				und Chemical Da or Water Sample			mical Data Matrix Samples)
			Maximum Contaminant Levels/ Maximum Contaminant Level Goals	Cancer Risk Screening Concentration	Reference Dose Screening Concentration for Non-Cancer Toxicological Responses	Cancer Risk Screening Concentration	Reference Dose Screening Concentration for Non-Cancel Toxicological Responses
11.5	Cas No.	analyte	μg/L	μg/L	μg/L	μg/kg	μg/kg
	319-84-6	alpha-BHC	-	0 .014	-	100	-
	319-85-7	beta-BHC	21 P. 4L.	0 .047		350	
	319-86-8	delta-BHC	I Jein		R. Till Co.		4.7
	58-89-9	gamma-BHC (Lindane)	0 .2	0 .066	11	490	23,000
	76-44-8	Heptachlor	0 .4	0 .019	18	140	39,000
	309-00-2	Aldrin	-	0 .005	1.1	38	23,000
	1024-57-3	Heptachlor epoxide	0 .2	0 .0094	0 .47	70	1,000
	959-98-8	Endosulfan I		220		-	470,000
S	60-57-1	Dieldrin	·	0 .0053	1 .8	40	3,900
ide	72-55-9	4, 4'-DDE		0 .25		1,900	-
Pesticides	72-20-8	Endrin	2		11	· ·	23,000
Pe	33213-65-9	Endosulfan II			220	<u> </u>	470,000
	72-54-8	4, 4'-DDD		0 .35	-	2,700	-
	1031-07-8	Endosulfan sulfate					
	50-29-3	4, 4'-DDT		0 .25	18	1,900	39,000
	72-43-5	Methoxychlor	40		180	-	390,000
	53494-70-5	Endrin ketone		- 1			
	7421-93-4	Endrin aldehyde		-			
	5103-71-9	alpha-Chlordane	(- T	0 .24	18	1,800	39,000
	5103-74-2	gamma-Chlordane	-	0 .24	18	1,800	37,000
	8001-35-2	Toxaphene	3	0 .077		580	Pallett u
3s)	1336-36-3	Polychlorinated Biphenyls (PCBs)	0 .5	0 .043	0 .73	320	1600
PC	12674-11-2	Aroclor-1016			CA-CEPEN		
yls (11104-28-2	Aroclor-1221			TEXT BE		
hen	11141-16-5	Aroclor-1232					
Bip	53469-21-9	Aroclor-1242					
ted	12672-26-6	Aroclor-1248	-3 44 5				
rina	11097-69-1	Aroclor-1254				Mr. 1 1.	
old	11096-82-5	Aroclor-1260	Carl Line		100000		
Polychlorinated Biphenyls (PCBs)	37324-23-5	Aroclor-1262	Prantic		1		The state of the
0	11100-14-4	Aroclor-1268					

This benchmark applies to all of the Arochlors (PCBs) listed below

Table 5. Total Metals Results for Ground-Water Samples Collected at the Bushnell General Hospital Site.

	Sample #	BGH-GW-00	BGH-GW-01	BGH-GW-02	BGH-GW-03	BGH-GW-04	BGH-GW-05	BGH-GW-06	BE	NCHMARK	S
	Traffic #	MH1YE3	MH1YE5	MH1YE6	MH1YE4	MH1YF1	MH1YE9		MCL/		
5-13	Sample Location	Monitor Well MW00	Monitor Well MW01	Monitor Well MW02	Monitor Well MW03	Monitor Well MW04	Monitor Well MW05	duplicate of BGH-GW-05	MCLG	CSR	RfDS
Cas No.	analyte	μg/L Q	μg/L	μg/L	μg/L						
7429-90-5	Aluminum	not reported	-	4 -							
7440-36-0	Antimony	0 .22 J	2 U	0.3 J	2 U	0 .12 J	0 .11 J	0 .086 J	6		15
7440-38-2	Arsenic	1 .7	0 .21 J	0.28 J	2	0.66 J	0 .28 J	0.32 J	10	0.057	11
7440-39-3	Barium	57 .4	103	45 .8	42 .9	49 .7	52 .7	53 .5	2,000	_	2,600
7440-41-7	Beryllium	0 .12 J	1 U	1 U	1 U	1 U	1 U	1 U	4		73
7440-43-9	Cadmium	0 .048 J	1 U	1 U	1 U	1 U	1 U	1 U	5		18
7440-70-2	Calcium	not reported	Compound	d not listed of	on SCDM						
7440-47-3	Chromium	9	2.1	1.1 J	0.86 J	0 .94 J	1.2 J	1.2 J	100	-	110
7440-48-4	Cobalt	3 .3	0 .34 J	0 .18 J	0 .31 J	0 .34 J	0 .29 J	0.29 J	-	Pt	
7440-50-8	Copper	6 .1	0 .35 J	0.4 J	0 .21 J	1 J	0 .24 J	0.37 J	1300		
7439-89-6	Iron	not reported	-		-4E						
7439-92-1	Lead	3 .5	1 U	0 .039 J	1 U	0 .084 J	0 .046 J	0 .04 J	15	-	-
7439-95-4	Magnesium	not reported	Compound	d not listed of	on SCDM						
7439-96-5	Manganese	506	2 .8	6 .6	19 .1	31 .1	14 .6	14 .8		T -	5,100
7439-97-6	Mercury	0.2 U	2		11						
7440-02-0	Nickel	9	2 .7	1.2	0 .97 J	1 .6	1.3	1.3			730
7440-09-7	Potassium	not reported	Compound	d not listed of	on SCDM						
7782-49-2	Selenium	0 .22 J	0 .95 J	0.29 J	0.35 J	0 .31 J	0 .39 J	0 .31 J	50	-	1,800
7440-22-4	Silver	1 U	1 U	1 U	1 U	1 U	1 U	1 U		-	1,800
7440-23-5	Sodium	not reported	Compound	d not listed of	on SCDM						
7440-28-0	Thallium	0 .019 J	1 U	1 U	1 U	1 U	1 U	1 U	0.5	X - / -	
7440-62-2	Vanadium	5 .3	5 U	5 U	5 U	0 .45 J	5 U	5 U			2,600
7440-66-2	Zinc	116	1.5 J	0 .77 J	0 .73 J	0 .88 J	0 .88 J	0 .65 J	-	1	11,000

Q = Data Qualifier

BOLD = Values that exceed SCDM benchmark concentrations

MCL/MCLG = Superfund Chemical Data Matrix Maximum Contaminant Levels/Maximum Contaminant Level Goals

CSR = Superfund Chemical Data Matrix Cancer Risk Screening Concentration.

RfDS = Superfund Chemical Data Matrix Reference Dose Screening Concentration for Non-Cancer toxicological responses.

Constituent was undetected or not reported

BACKGROUND SAMPLE

U = Undetected. The material was analyzed for, but was not detected above the associated value. Reported value is the detection limit.

J = Reported concentration is an estimate because quality control criteria were not met.

Table 6. Total Metals Results for Surface-Water Samples Collected at the Bushnell General Hospital Site.

	Sample #	BGH-SW=2	0	BGH-SW-2	1	BGH-SW-22		BGH-SW-23	BGH-SW-24	BE	NCHMARK	(S
20.0	Traffic #	MH1PW5		MH1PX2		MH1PX5		MH1PX6	MH1YD5	MCL/		. "
353	Sample Location	Ogden Brigha Canal	am	Southwest side Small Pond		From southern por adjacent to 500 V		Lowest of 3 Ponds in middle of Golf Course	From northern pond adjacent to 500 W	MCLG	CSR	RfDS
Cas No.	analyte	μg/L	Q	μg/L	Q	μg/L (Q	μg/L Q	μg/L Q	μg/L	μg/L	μg/L
7429-90-5	Aluminum	not reported	d	not reported		not reported		not reported	not reported			
7440-36-0	Antimony	0 .25	J	0 .11	J	0 .1	J	0.1 J	0 .21 J	6		15
7440-38-2	Arsenic	8. 0	J	0 .92	J	0 .8	J	0 .91 J	0 .89 J	10	0.057	11
7440-39-3	Barium	24 .8		38 .3		50 .7		49 .9	47 .6	2,000		2,600
7440-41-7	Beryllium	1	U	100	U	1	U	1 U	1 U	4		73
7440-43-9	Cadmium	1	U	1	U	1	U	1 U	1 U	5	-	18
7440-70-2	Calcium	not reported	d	not reported		not reported		not reported	not reported	Compound	not listed	on SCDM
7440-47-3	Chromium	0 .5	J	0 .57	J	0 .65	J	0 .66 J	0 .83 J	100		110
7440-48-4	Cobalt	0 .13	J	0 .15	J	0 .12	J	0 .09 J	0 .15 J	-		- L
7440-50-8	Copper	1 .4	J	3 .5	P-E-Y	8 .1		7 .3	4 .3	1300	- 1,	
7439-89-6	Iron	not reported	d	not reported		not reported		not reported	not reported		45-	-
7439-92-1	Lead	0 .08	J	0 .05	J	0 .09	J	1 U	0 .21 J	15	H 1	
7439-95-4	Magnesium	not reported	d	not reported	j	not reported		not reported	not reported	Compound	not listed	on SCDM
7439-96-5	Manganese	19 .9		15		6 .8		6 .4	11 .3	46	- 4t -	5,100
7439-97-6	Mercury	0 .019	J	0 .025	J	0 .02	J	0 .023 J	0.2 U	2	- H	11
7440-02-0	Nickel	0 .66	J	0 .77	J	0 .52	J	0 .51 J	0 .81 J	-		730
7440-09-7	Potassium	not reported	d	not reported		not reported		not reported	not reported	Compound	not listed	on SCDM
7782-49-2	Selenium	5	U	5	U	0 .2	J	0 .33 J	0 .35 J	50		1,800
7440-22-4	Silver	1	U	121	U	1 1 2 2	U	1 U	1 U	-		1,800
7440-23-5	Sodium	not reported	d	not reported		not reported		not reported	not reported	Compound	not listed	on SCDM
7440-28-0	Thallium	0 .2	J	1	U	1	U	1 U	0 .16 J	0.5		1 3 4
7440-62-2	Vanadium	0 .39	J	5	U	0 .45	J	0 .37 J	0 .47 J		-	2,600
7440-66-2	Zinc	1 .2	J	1 .4	J	2 .6		0 .97 J	2 .3			11,000

Q = Data Qualifier

U = Undetected. The material was analyzed for, but was not detected above the associated value. Reported value is the detection limit.

BOLD = Values that exceed SCDM benchmark concentrations

MCL/MCLG = Superfund Chemical Data Matrix Maximum Contaminant Levels/Maximum Contaminant Level Goals

CSR = Superfund Chemical Data Matrix Cancer Risk Screening Concentration.

RfDS = Superfund Chemical Data Matrix Reference Dose Screening Concentration for Non-Cancer toxicological responses.

Constituent was undetected or not reported

BACKGROUND SAMPLE

Observed Release

J = Reported concentration is an estimate because quality control criteria were not met.

Table 7. Results of Volatile Organic Compounds Detected in Subsurface Soil Samples at the Bushnell General Hospital Site.

Analyte

Methylene Chloride

Toluene

Trichlorofluoro-

methane

					methane	Chloride	10.00.10
				CAS#	75-69-4	75-09-2	108-88-3
				Cancer Risk Screening Concentration		85,000	
				Reference Dose Screening Concentration for Non-Cancer Toxicological Responses	23,000,000	4,700,000	16,000,000
Sample Number	Traffic Number	Sample Depth	Sample Date/Time	Sample Location	μg/kg Q	μg/kg Q	μg/kg Q
BGH-SB(2)-50	Н1РТ8	6 - 24 in.	4/23/2007 11:10	Borehole for Background Well, MW00	0 .41 J	4. Ś. U.	0 .23 JB
BGH-SB(2)-51	H1Q03	6 - 24 in.	4/30/2007 10:40	Borehole for well MW01	5 9 U	0 .95 JB	5.9 U
BGH-SB(2)-52	H1PY9	6 - 24 in.	4/27/2007 18:10	Borehole for Well MW02, at Wolford Auto	5.4 U	0.91 JB	0 .19 JB
BGH-SB(2)-53	H1PZ2	6 - 24 in.	4/28/2007 12:00	Borehole for Well MW03, at Credit Union	6 U	0 .83 JB	0 .54 JB
BGH-SB(2)-54	H1PZ5	6 - 24 in.	4/29/2007 16:25	Borehole for Well MW04, at 900 South and 450 East	5.3 U	0.69 JB	0 .2 JB
BGH-SB(2)-55	H1YD7	6 - 24 in.	4/30/2007 16:20	Borehole for Well MW05	5 4 U	0.8 JB	5 4 U
BGH-SB(2)-56	H1PX1	6 - 24 in.	4/25/2007 16:25	Duplicate of BGH-SB(2)-74	0 .52 J	5.4 U	0 .29 JB
BGH-SB(2)-60	H1PX4	6 - 24 in.	4/25/2007 18:00	SW corner of golf course near intersection of Hwy 89/91 and Main Street	0 .69 J	0.6 JB	0 .37 JB
BGH-SB(2)-61	H1PX9	6 - 24 in.	4/27/2007 10:20	Parkstrip south of old K-mart	5.9 U	1.9 JB	0 .36 JB
BGH-SB(2)-62	H1PY1	6 - 24 in.	4/27/2007 10:50	South side of road east of Credit Union	5 4 U	1.3 JB	0 .27 JB
BGH-SB(2)-63	H1PY3	6 - 24 in.	4/27/2007 12:00	East end of building at 933 South 200 East	5.8 U	1 JB	0 .29 JB
BGH-SB(2)-64	H1PY5	6 - 24 in.	4/27/2007 12:25	Northeast corner of intersection at 200 East and 900 South	0 .35 J	0.54 JB	5 U
BGH-SB(2)-65	H1DY2	6 - 24 in.	4/30/2007 14:40	Trench at east end of building 47	6.1 U	6.1 U	6.1 U
BGH-SB(2)-66	H1PY7	6 - 24 in.	4/27/2007 13:10	Southwest corner of storage units at building 46	5.6 U	0 .85 JB	- 5.6 U
BGH-SB(2)-67	H1YD4	6 - 24 in.	4/30/2007 00:00	Trench at west end of building 48	5 1 U	0 .55 JB	5.1 U
BGH-SB(2)-68	H1PZ9	6 - 24 in.	4/30/2007 08:50	At former dry cleaning facility at 1000 South 500 East	7. U	1.5 JB	7
BGH-SB(2)-69	H1YC8	6 - 24 in.	4/30/2007 13:30	Northwest corner of old laundry building	5.7 U	5.7 U	0 .23 JB
BGH-SB(2)-70	H1Q01	6 - 24 in.	4/30/2007 10:00	North of golf course maintenance shed outside of fence	6.8 U	1 .3 JB	0 .36 JB
BGH-SB(2)-71	H1YDO	6 - 24 in.	4/30/2007 14:10	Dump north of golf course maintenance shed	7 0	7 U	7 0
BGH-SB(2)-72	H1Q08	6 - 24 in.	4/30/2007 12:55	From stairs by former carpenter shop	5.5 U	5.5 U	5.5 U
BGH-SB(2)-73	H1PW4	6 - 24 in.	4/25/2007 14:20	Sink hole just south of maintenance shop near 12th tee	5.9 U	5.9	5 9 U
BGH-SB(2)-74	H1PW9	6 - 24 in.	4/25/2007 16:05	South boundary of golf course, east of 12th tee box	5 8 U	0 .75 JB	5.8 U
BGH-SB(2)-75	H1PW7	6 - 24 in.	4/25/2007 15:40	North of 12th fairway	6.1 0	0 .43 JB	0 .29 JB
					Name and the State of the State		

Q = Data Qualifier

U = Undetected. The material was analyzed for, but was not detected above the associated value. Reported value is the detection

J = Reported concentration is an estimate because quality control criteria were not met.

B = This constituent was detected in a blank sample.

Table 8. Results of Volatile Organic Compounds Detected in Deep Soil Samples at the Bushnell General Hospital Site.

				Cancer Risk Screening Concentration	85,000		-
				Reference Dose Screening Concentration for Non-Cancer Toxicological Responses		16,000,000	160,000,000 ¹
Sample #	Traffic #	Sample Depth	Sample Date/Time	Sample Location	μg/kg Q	μg/kg Q	μg/kg Q
BGH-SS(20)-50	H1PW0	20 feet	4/23/2007 12:17	Borehole for Background Well MW00	5.4 U	0 .31 JB	0 .17 J
BGH-SS(162)-50	H1PW1	162 feet	4/24/2007 19:30	Borehole for Background Well MW00	5.7 U	0 .27 JB	5.7 U
BGH-SS(206)-50	H1PX7	206 feet	4/26/2007 17:05	Borehole for Background Well MW00	0 .9 JB	0 .29 JB	5.2 U
BGH-SS(20)-51	H1Q04	20 feet	4/30/2007 11:10	Borehole for Well MW01	0 .88 JB	0 .19 JB	5.7 U
BGH-SS(22)-51	H1Q06	20 feet	4/30/2007 12:10	Borehole for Well MW01	0 .60 JB	4.7 U	4.7. U
BGH-SS(20)-52	H1PZ0	20 feet	4/27/2007 18:40	Borehole for Well MW02, at Wolford Auto	1 .1 JB	0 .22 JB	5.7 U
BGH-SS(20)-53				Borehole for Well MW03, at Credit Union	VOA portion of this s	sample was inadverten	tly not collected
BGH-SS(17)-54				Borehole for Well MW04, at 900 South and 450 East	VOA portion of this s	sample was inadverten	tly not collected
BGH-SS(20)-55	H1YD8	20 feet	4/30/2007 16:45	Borehole for Well MW05	1 JB	6.9 U	6.9 U
BGH-SS(35)-55	H1YD9	35 feet	4/30/2007 17:35	Borehole for Well MW05	0 .9 JB	0 .31 JB	6.1 U
BGH-SS(20)-57	H1Q05	20 feet	4/30/2007 11:15	Duplicate of BGHSS(20)-51	0 .98 JB	6.3 U	6.3 U

Analyte

CAS#

Methylene Chloride

75-09-2

Toluene

108-88-3

m,p-Xylene

179601-23-1

BOLD = Values that exceed SCDM

Q = Data Qualifier

U = Undetected. The material was analyzed for, but was not detected above the associated value. Reported value is the detection limit.

J = Reported concentration is an estimate because quality control criteria were not met.

¹ Benchmark concentration is for m-xylene only - there is no soil benchmark for p-xylene or for m,p-xylene

Table 9. Results of Semi-Volatile Organic Compounds Detected in Surface Soil Samples at the Bushnell General Hospital Site.

				Analyte	Benz- aldehyde	Phenol	Aceto- phenone	Naph- thalene	2-Methyl- naph- thalene	Dibenzo- furan	Diethyl- phthalate	Phen- anthrene	Anthracene	Carbazole	Di-n-butyl phthalate	Fluor- anthene	Pyrene	Benzo (a) anthracene	Chrysene	Bis (2-ethyl hexyl) phthalate	Benzo (b) fluor- anthene	Benzo (k) fluor- anthene	Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene	Dibenzo (a,h) anthracene	Benzo (g,h,i) perylene
				CAS#	100-52-7	108-95-2	98-86-2	91-20-3	91-57-6	132-64-9	84-66-2	85-01-8	120-12-7	86-74-8	84-74-2	206-44-0	129-00-0	56-55-3	218-01-9	117-81-7	205-99-2	207-08-9	50-32-8	193-39-5	53-70-3	191-24-2
				Cancer Risk Screening Concentration	not on SCDM	-	not on SCDM	-	-	-	-		-	32,000	-			880	88,000	46,000	not on SCDM	8,800	88	880	. 88	-
				Reference Dose Screening Concentration for Non-Cancer Toxicological Responses	not on SCDM	2,300,000	not on SCDM	3,100,000	-	3,100,000	6,300,000	-	2,300,000		7,800,000	310,000	230,000	-	1-1	1,600,000	not on SCDM		-	-		-
Sample Number	Traffic Number	Sample Depth	Sample Date/Time	Sample Location	μg/kg Q	μg/kg Q	μ g/k g Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μ g/k g Q	μg/kg Q	μg/kg Q	μ g /kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μ g/k g Q	μg/kg Q	μ g/k g	μg/L Q
BGH-SF(0.5)-50	Н1РТ8	0 - 6 in.	4/23/2007 11:10	Borehole for Background Well MW00	23 J	180 U	12 J	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	23 J	180 U	180 U	180 U	180 U	180 U	180 U
BGH-SF(0.5)-51	H1Q03	0 - 6 in.	4/30/2007 10:40	Borehole for Well MW01	73 J	190 U	18 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	64 J	190 U	190 U	190 U	190 U	190 U	190 U
BGH-SF(0.5)-52	H1PY9	0 - 6 in.	4/27/2007 18:10	Borehole for Well MW02 at Wolford Auto	34 J	180 U	9 .2 J	180 U	180 U	180 U	7 .2 J	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	37 J	180 U	180 U	180 U	180 U	180 U	180 U
BGH-SF(0.5)-53	H1PZ2	0 - 6 in.	4/28/2007 12:00	Borehole for Well MW03 at Credit Union	26 J	180 U	8 .9 J	8 .6 J	14 J	180 U	180 U	140 J	11 J	180 U	180 U	34 J	380	69 J	210	29 J	43 J	18 J	72 J	180 U	180 U	180 U
BGH-SF(0.5)-54	H1PZ5	0 - 6 in.	4/29/2007 16:25	Borehole for Well MW04 at 900 South and 450 East	22 J	180 U	11 J	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	59 J	180 U	180 U	180 U	180 U	180 U	180 U
BGH-SF(0.5)-55	H1YD7	0 - 6 in.	4/30/2007 16:20	Borehole for Well MW05	32 J	180 U	11 J	180 U	180 U	180 U	30 J	120 J	41 J	180 U	180 U	56 J	1800	180 U	610	180, U	130 J	190	520	330 .	100 J	200
BGH-SF(0.5)-56	H1PX1	0 - 6 in.	4/25/2007 16:25	Duplicate of BGH-SB(2)-74	23 JB	180 U	17 JB	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	1 80 U	180 U	160 U	16 J	180 U	180 U	180 U	180 U	180 U	180 U
BGH-SF(0.5)-60	H1PX4	0 - 6 in.	4/25/2007 18:00	SW corner of golf course near intersection of Hwy 89/91 and Main Street	35 JB	190 U	21 JB	190 U	190 U	190 j. U	190 U	190 Ü	190 _U	190 U	190 U	190 U	190 U	190 U	190 U	15 J	190 U	190 U	190 U	190 U	190 U	190 U
BGH-SF(0.5)-61	H1PX9	0 - 6 in.	4/27/2007 10:20	Parkstrip south of old K-mart	170 J	190 U	13 J	190 U	190 U	190 U	190 U	190 U	190 U	190 Ú	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
BGH-SF(0.5)-62	H1PY1	0 - 6 in.	4/27/2007 10:50	South side of road east of Credit Union	97 J	190 U	16 J	8 .5 J	9 .1 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	10 J	190 U	7 .9 J	34 J	15 J	190 U	190 U	190 U	190 U	23 J
BGH-SF(0.5)-63	H1PY3	0 - 6 in.	4/27/2007 12:00	East end of building at 933 South 200 East	24 J	180 U	8 .6 J	180 U	180 U	180 U	180 U	180 U	180 U	180 U	22 J	180 U	180 U	180 U	180 U	24 J	180 U	180 U	180 U	180 U	180 U	180 U
BGH-SF(0.5)-64	H1PY5	0 - 6 in.	4/27/2007 12:25	Northeast corner of intersection at 200 East and 900 South	29 J	180 U	20 J	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	21 J	180 U	180 U	27 J	180 U	180 U	180 U	180 U	180 U	180 U
BGH-SF(0.5)-65	H1DY2	0 - 6 in.	4/30/2007 14:40	Trench at east end of building 47	27 J	180 U	10 J	180 U	9 .8 J	180 U	28 J	24 J	180 U	160 U	180 U	26 J	29 J	16 J	15 J	18 JB	27 J	16 J	180 U	180 U	180 U	64 J
BGH-SF(0.5)-66	H1PY7	0 - 6 in.	4/27/2007 13:10	Southwest corner of storage units at building 46	54 J	180 U	34 J	61 J	95 J	27 J	180 U	160 J	29 J	25 J	180 U	160 J	130 J	66 J	72 J	21 J	83 J	30 J	57 J	180 U	180 U	40 J
BGH-SF(0.5)-67	H1YD4	0 - 6 in.	4/30/2007 00:00	Trench at west end of building 48	41 J	190 U	18 J	8 .8 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	23 JB	190 U	190 U	190 U	190 U_	190 U	190 U
BGH-SF(0.5)-68	H1PZ9	0 - 6 in.	4/30/2007 08:50	At former dry cleaning facility at 1000 South 500 East	56 J	210 U	28 J	210 U	210 U	210 U	210 U	210 U	210 U	210 U	210 U	210 U	210 U	210 U	210 U	21 J	210 U	210 U	210 U	210 U	210 U	210 U
BGH-SF(0.5)-69	H1YC8	0 - 6 in.	4/30/2007 13:30	North of golf course maintenance shed outside of fence	160 J	190 U	8.3 J	190 U	190 U	190 U	40 J	190 U	190 U	190 U	190 U	190 U	190 U	17 J	19 J	45 JB	190 U	190 U	190 U	190 U	190 U	190 U
BGH-SF(0.5)-70	H1Q01	0 - 6 in.	4/30/2007 10:00	Northwest corner of old laundry building	93 J	21 J	33 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
BGH-SF(0.5)-71	H1YDO	0 - 6 in.	4/30/2007 14:10	Dump north of golf course maintenance shed	160 J	190 U	9 .5 J	190 U	190 U	190 U	31 J	190 U	190 U	190 U	190 U	11 J	17 J	12 J	21 J	35 JB	190 U	190 U	190 U	190 U	190 U	190 U
BGH-SF(0.5)-72	H1Q08	0 - 6 in.	4/30/2007 12:55	From stairs by former carpenter shop	82 J	21 J	51 J	190 U	29 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U
BGH-SF(0.5)-73	H1PW4	0 - 6 in.	4/25/2007 14:20	Sink hole just south of maintenance shop near 12th tee	34 JB	16 JB	35 JB	190 U	190 U	190 U	7 .8 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	37 J	190 U	190 U	190 U	190 U	190 U	190 U
BGH-SF(0.5)-74	H1PW9	0 - 6 in.	4/25/2007 16:05	South boundary of golf course, east of 12th tee box	34 JB	190 U	21 JB	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	16 J	190 U	190 U	190 U	190 U	190 U	190 U
BGH-SF(0.5)-75	H1PW7	0 - 6 in.	4/25/2007 15:40	North of 12th fairway	23 JB	190 U	16 JB	190 U	190 U	190 U	190 U	190 U	190 U	190 U	17 J	190 U	190 U	190 U	190 Ú	190 U	190 U	190 U	190 U	190 U	190 U	190 U

Q = Data Qualifi

BOLD = Values that exceed SCDM

Constituent was undetected

Observed Release

Observed Release that Exceeded SCDM Benchm

U = Undetected. The material was analyzed for, but was not detected above the associated value. Reported value is the detection limit.

J = Reported concentration is an estimate because quality control criteria were not me

Table 10 . Results of Semi-Volatile Organic Compounds Detected in Subsurface Soil Samples at the Bushnell General Hospital Site.

				Analyte	Benz- aldehyde	Aceto- phenone	Naph- thalene	2-Methyl- naph- thalene	Ace- naphthene	Dibenzo- furan	Diethyl- phthalate	Fluorene	Phen- anthrene		Carbazole	Fluor- anthene	Pyrene	Butyl- benzyl- phthalate	Benzo (a) anthracene	Chrysene	Bis (2-ethyl hexyl) phthalate	fluor- anthene	Benzo (k) fluor- anthene	Benzo (a) pyrene	Indeno (1,2,3-cd) pyrene	Dibenzo (a,h) anthracene	(g,h,i) e perylen
				CAS#	100-52-7 not on	98-86-2 not on	91-20-3	91-57-6	83-32-9	132-64-9	84-66-2	86-73-7	85-01-8	120-12-7	86-74-8	206-44-0	129-00-0	85-68-7	56-55-3	218-01-9	117-81-7	205-99-2 not on	207-08-9	50-32-8	193-39-5		191-24-
				Cancer Risk Screening Concentration	SCDM	SCDM	-	PT 1		-	-	-		-	32,000		-		880	88,000	46,000	SCDM	8,800	88	880	88	
. 43				Reference Dose Screening Concentration for Non-Cancer Toxicological Responses	not on SCDM	not on SCDM	3,100,000	-	4,700,000	3,100,000	6,300,000	3,100,000	-	2,300,000	-	310,000	230,000	1,600,000	=	- \	1,600,000	not on SCDM	- I	1.74	27		-
Sample Number	Traffic Number	Sample Depth	Sample Date/Time	Sample Location	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μ g/k g Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μ g/k g	μg/L (
BGH-SB(2)-50	Н1РТ8	6 - 24 in.	4/23/2007 11:10	Borehole for Background Well MW00	24 J	13 J	180 U	180 U	180 U	180 U	180 U	160 U	180 U	180 U	180 U	180 U	180. U	180 U	180 U	180 U	24 J	180 U	180 U	180 U	180 U	180 U	180 1
BGH-SB(2)-51	H1Q03	6 - 24 in.	4/30/2007 10:40	Borehole for Well MW01	32 J	21 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190
BGH-SB(2)-52	H1PY9	6 - 24 in.	4/27/2007 18:10	Borehole for Well MW02 at Wolford Auto	20 J	11 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	20 J	190 U	190 U	190 U	190 U	190 U	190
BGH-SB(2)-53	H1PZ2	6 - 24 in.	4/28/2007 12:00	Borehole for Well MW03 at Credit Union	18 J	9 .6 J	13 J	16 J	180 U	180 U	13 JB	180 U	180 U	180 U	180 U	180 U	9 .4 J	180 U	180 U	180 U	26 J	180 U	180 U	180 U	180 U	180 U	180
BGH-SB(2)-54	H1PZ5	6 - 24 in.	4/29/2007 16:25	Borehole for Well MW04 at 900 South and 450 East	41 J	11 J	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	29 J	71 J	180 U	180 U	180 U	180 U	180 U	180
BGH-SB(2)-55	H1YD7	6 - 24 in.	4/30/2007 16:20	Borehole for Well MW05	36 J	15 J	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	26 JB	180 U	180 U	180 U	180 U	180 U	180
BGH-SB(2)-56	H1PX1	6 - 24 in.	4/25/2007 16:25	Duplicate of BGH-SB(2)-74	23 JB	16 JB	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180
BGH-SB(2)-60	H1PX4	6 - 24 in.	4/25/2007 18:00	SW corner of golf course near intersection of Hwy 89/91 and Main Street	33 JB	19 JB	190 U	190 U	190 U	190 U	11 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190
BGH-SB(2)-61	H1PX9	6 - 24 in.	4/27/2007 10:20	Parkstrip south of old K-mart	17 J.	13 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190
BGH-SB(2)-62	H1PY1	6 - 24 in.	4/27/2007 10:50	South side of road east of Credit Union	24 J	12 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U,	190 U	190 U	190 U	190 U	190 U	190 U	190
BGH-SB(2)-63	H1PY3	6 - 24 in.	4/27/2007 12:00	East end of building at 933 South 200 East	19 J	9 .4 J	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 J	180 U	180 U	180
BGH-SB(2)-64	H1PY5	6 - 24 in.	4/27/2007 12:25	Northeast corner of intersection at 200 East and 900 South	21 J	10 J	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180
BGH-SB(2)-65	H1DY2	6 - 24 in.	4/30/2007 14:40	Trench at east end of building 47	30 J	14 J	12 J	16 J	200 U	200 U	20 J	200 U	14 J	200 U	200 U	13 J	95 J	200 U	23 J	42 J	44 JB	61 J	14 J	75 J	78 J	31 J	260
BGH-SB(2)-66	H1PY7	6 - 24 in.	4/27/2007 13:10	Southwest corner of storage units at building 46	38 J	13 J	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200
BGH-SB(2)-67	H1YD4	6 - 24 in.	4/30/2007 00:00	Trench at west end of building 48	25 J	13 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	25 JB	190 U	190 U	190 U	190 U	190 U	190
BGH-SB(2)-68	H1PZ9	6 - 24 in.	4/30/2007 08:50	At former dry cleaning facility at 1000 South 500 East	32 J	26 J	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	19 J	200 U	200 U	200 U	200 U	200 U	200
BGH-SB(2)-69	H1YC8	6 - 24 in.	4/30/2007 13:30	North of golf course maintenance shed outside of fence	34 J	9 .5 J	19 J	8 .6 J	36 J	31 J	33 J	54 J	940	270	110 J	1100	1300	180 U	630	780	18 JB	710	270	600	310	110 J	260
BGH-SB(2)-70	H1Q01	6 - 24 in.	4/30/2007 10:00	Northwest corner of old laundry building	37 J	35 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	19 0 U	190 U	190 U	190 Ú	190 U	190 U	190
BGH-SB(2)-71	H1YDO	6 - 24 in.	4/30/2007 14:10	Dump north of golf course maintenance shed	170 J	8 .7 J	190 U	190 U	190 U	190 U	27 J	190 U	190 U	190 U	190 U	190 U	190 U	190 U	190 U	13 J	31 JB	190 U	190 U	190 Ú	190 U	190 U	190
BGH-SB(2)-72	H1Q08	6 - 24 in.	4/30/2007 12:55	From stairs by former carpenter shop	29 J	12 J	200 U	200 U	200 U	200 U	48 J	200 U	200 U	200 U	200 U	200 U	200 U	24 J	200 Ü	200 U	36 JB	200 U	200 Ú	200 U	200 U	200 U	200
BGH-SB(2)-73	H1PW4	6 - 24 in.	4/25/2007 14:20	Sink hole just south of maintenance shop near 12th tee	33 J	30 J	200 U	200 U	200 U	200 U	28 JB	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	25 JB	200 U	200 U	200 U	200 U	200 U	200
BGH-SB(2)-74	H1PW9	6 - 24 in.	4/25/2007 16:05	South boundary of golf course, east of 12th tee box	29 JB	17 JB	180 Ú	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180 U	180
BGH-SB(2)-75	H1PW7	6 - 24 in.	4/25/2007 15:40	North of 12th fairway	29 JB	18 JB	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200

Q = Data Qualifi

BOLD = Values that exceed SCDM

Constituent was undetected

Observed Release

Observed Release that Exceeded SCDM Benchmark

U = Undetected. The material was analyzed for, but was not detected above the associated value. Reported value is the detection lim

J = Reported concentration is an estimate because quality control criteria were not me

Table 11. Results of Semi-Volatile Organic Compounds Detected in Deep Soil Samples at the Bushnell General Hospital Site.

				Analyte CAS #	Benzald 100-5	•	Acetoph 98-86		Naphth 91-20		Di-n-b phthal 84-74	ate	Butylbe phthal 85-68	late	Bis (2-e hexyl) pht 117-8	thalate
				Cancer Risk Screening Concentration	not on S	CDM	not on S	SCDM	-		-		-		46,00	00
				Reference Dose Screening Concentration for Non-Cancer Toxicological Responses	not on S	SCDM	not on S	CDM	3,100,	000	7,800,	000	1,600,	000	1,600,0	000
Sample #	Traffic #	Sample Depth	Sample Date/Time	Sample Location	μ g/k g	Q	μ g/k g	Q	μ g/k g	Q	μ g/k g	Q	μ g/k g	Q	μ g/k g	Q
BGH-SS(20)-50	H1PW0	20 feet	4/23/2007 12:17	Borehole for Background Well MW00	30	J	14	J	180	U	180	U	180	U	36	J
BGH-SS(162)-50	H1PW1	162 feet	4/24/2007 19:30	Borehole for Background Well MW00	27	JB	23	JB	210	U	210	u	210	U	210	U
BGH-SS(206)-50	H1PX7	206 feet	4/26/2007 17:05	Borehole for Background Well MW00	27	J	14	J	190	U	190	U	190	U	190	Ü.
BGH-SS(20)-51	H1Q04	20 feet	4/30/2007 11:10	Borehole for Well MW01	180	U	- 23	J	180	U	180	U	180	u	180	U
BGH-SS(22)-51	H1Q06	20 feet	4/30/2007 12:10	Borehole for Well MW01	200	U	25	J	200	U	200	U	200	U	200	U
BGH-SS(20)-52	H1PZ0	20 feet	4/27/2007 18:40	Borehole for Well MW02, at Wolford Auto	22	J	11	J	210	U	210	U	9 .2	J	19	J
BGH-SS(20)-53	H1PZ3	20 feet	4/28/2007 12:15	Borehole for Well MW03, at Credit Union	22	J	8 .1	J	190	U	190	U	190	U	18	J
BGH-SS(17)-54	H1PZ6	17 feet	4/29/2007 17:55	Borehole for Well MW04, at 900 South and 450 East	210	Ú	21	J	210	U	210	U	210	0	210	U
BGH-SS(20)-55	H1YD8	20 feet	4/30/2007 16:45	Borehole for Well MW05	47	J	20	J	230	U	230	U	230	U	23	JB
BGH-SS(35)-55	H1YD9	35 feet	4/30/2007 17:35	Borehole for Well MW05	42	J	180	U	7 .9	J	7 .3	J	180	U	23	JB
BGH-SS(20)-57	H1Q05	20 feet	4/30/2007 11:15	Duplicate of BGHSS(20)-51	180	U	180	U	180	U	180	U	180	U	180	U

Q = Data Qualifier

This constituent was undetected in this sample

U = Undetected. The material was analyzed for, but was not detected above the associated value. Reported value is the detection limit.

J = Reported concentration is an estimate because quality control criteria were not met.

Table 12. Results of PCBs and Pesticides Detected in Surface Soil Samples at the Bushnell General Hospital Site.

				<u> </u>									Pes	ticides		15.00			F-1.7				PC	CBs
				Analyte	beta-BHC	delta-BHC	Heptachlor	Aldrin	Heptachlor epoxide	Endosulfan I	Dieldrin	4, 4'-DDE	Endrin	Endosulfan I	4, 4-DDD	Endosulfan sulfate	4, 4-DDT	Meth- oxychlor	Endrin ketone	Endrin aldehyde	alpha- Chlordane	gamma- Chlordane	Aroclor-1248	Aroclor-126
				CAS#	319-85-7	319-86-8	76-44-8	309-00-2	1024-57-2	959-98-8	60-57-1	72-55-9	72-20-8	33213-65-9	72-54-8	1031-07-8	50-29-3	72-43-5	53494-70-8	7421-93-4	5103-71-9	5103-74-2	12672-29-6	11096-82-
				Cancer Risk Screening Concentration	350	not on SCDM	140	38	70		40	1,900	-	-	2,700	not on SCDM	1,900	-	not on SCDM		1,800	1,800	320*	320*
				Reference Dose Screening Concentration for Non-Cancer Toxicological Responses	-	not on SCDM	39,000	2,300	1,000	470,000	3,900	-	23,000	470,000		not on SCDM	39,000	390,000	not on SCDM		39,000	39,000	1600*	1600*
Sample Number	Traffic Number	Sample Depth	Sample Date/Time	Sample Location	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q
3GH-SF(0.5)-50	Н1РТ8	0 - 6 in.	4/23/2007 11:10	Borehole for Background Well MW00	1.8 U	1.8 U	1.8 U	0 .044 JP	1.8 U	1.8 U	3 .5 U	3.5 U	3.5 U	3.5 U	3 .5 U	3.5 U	3.5 U	18 U	3.5 U	3 .5 U	1.8 U	1.8 U	35 U	35 U
3GH-SF(0.5)-51	H1Q03	0 - 6 in.	4/30/2007 10:40	Borehole for Well MW01	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	3 .5 U	0 .75 JP	3 .5 U	3.5 U	3.5 U	3.5 U	0.56 JP	19 U	3.5 U	3.5 U	1.9 U	0 .11 JP	37 U	37 U
3GH-SF(0.5)-52	H1PY9	0 - 6 in.	4/27/2007 18:10	Borehole for Well MW02 at Wolford Auto	0 .19 JP	1.8 U	0 .066 JP	1.8 U	1.8 U	1.8 U	0 .075 JP	0 .11 JP	3 .5 U	3 .5 U	0 .13 JP	3.5 U	3 ,5 U	18 U	3.5 U	3.5 U	1.8 U	0 .039 JP	35 U	35 U
3GH-SF(0.5)-53	H1PZ2	0 - 6 in.	4/28/2007 12:00	Borehole for Well MW03 at Credit Union	0 .059 JP	1.8 U	1.8 U	1.8 U	0 .28 JP	0 .43 JP	3.6 U	6.6 P	1.3 JP	1.5 JP	1.4 JP	0.8 JP	5.9 P	1.6 JP	6 .6	3.6 U	1.8 U	1.8 U	36 U	36 U
BGH-SF(0.5)-54	H1PZ5	0 - 6 in.	4/29/2007 16:25	Borehole for Well MW04 at 900 South and 450 East	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0 .16 JP	0 .26 JP	3 .4 U	3 4 U	3.4 U	3 4 U	0.66 JP	18 U	3 4 U	3.4 U	0 .24 JP	0 .31 JP	34 U	34 U
BGH-SF(0.5)-55	H1YD7	0 - 6 in.	4/30/2007 16:20	Borehole for Well MW05	18. U	18 U	18 U	18 U	0 .32 JP	18 U	34 U	0 .32 JP	1.1 JF	10 JP	1.5 JP	34 U	34 U	20 JP	5 P	34 U	18 U	18 U	34 U	34 U
BGH-SF(0.5)-56	H1PX1	0 - 6 in.	4/25/2007 16:25	Duplicate of BGH-SB(2)-74	0 .11 JP	1.8 U	1.8 U	1.8 U	1 .8 U	1.8 U	3 .6 U	0 .12 JP	3.6 U	3 6 U	3.6 U	3.6 U	0 .1 JP	18 Ú	3 6 U	3.6 U	1.8 U	1.8 U	36 U	36 U
BGH-SF(0.5)-60	H1PX4	0 - 6 in.	4/25/2007 18:00	SW corner of golf course near intersection of Hwy 89/91 and Main Street	0 .068 JP	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	0 .25 JP	5	0 .27 JP	3 7 U	0 .09 JP	3 7 U	4 .1	0 .43 JP	3.7 U	0 .2 JP	1.9 U	1.9 U	37 U	37 U
3GH-SF(0.5)-61	H1PX9	0 - 6 in.	4/27/2007 10:20	Parkstrip south of old K-mart	0 .27 JP	1.9 U	1.9 U	1.9 U	0 .055 JP	1.9. U	0 .19 JP	1.4 JP	3.6 U	3.6 U	3.6 U	3.6 U	0 .69 JP	18 Ų	3.6 U	0 .19 JP	0 .1 JP	0 .23 JP	36 U	36 U
BGH-SF(0.5)-62	H1PY1	0 - 6 in.	4/27/2007 10:50	South side of road east of Credit Union	0 .17 JP	1.9 ∪	1.9 U	1.9 U	0 .087 JP	1.9 U	0.6 J	10	1 JP	0.3 JP	0 .6 J	3.6 U	26	1 JP	1.4 JP	0 .5 JP	0 .15 JP	0 .26 JP	36 U	36 U
BGH-SF(0.5)-63	H1PY3	0 - 6 in.	4/27/2007 12:00	East end of building at 933 South 200 East	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0 .085 JP	4.3 P	0 .11 J	0 .07 JP	0 .36 J	3.5 U	3 .5 J	18 U	0 .42 JP	3.5 U	1.8 U	0 .067 JP	35 U	35 U
BGH-SF(0.5)-64	H1PY5	0 - 6 in.	4/27/2007 12:25	Northeast corner of intersection at 200 East and 900 South	1 8 U	1.8 U	1.8 U	1 8 U	1.8 U	1.8 U	0.3 JP	3.5 U	0 .071 J	0 .63 JP	3.5 U	0 .49 JP	1.8 JP	1.7 JP	1.6 J	3.5 U	1.8 U	1.8 U	35 U	35 U
BGH-SF(0.5)-65	H1DY2	0 - 6 in.	4/30/2007 14:40	Trench at east end of building 47	0 .1 JP	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0 .3 JP	1.5 JP	0 .27 JF	0 .09 JP	0 .13 JP	3 5 U	2.4 J	0 .52 JP	0 .61 JP	3.5 U	1.8 U	0 .27 JP	35 U	35 U
BGH-SF(0.5)-66	H1PY7	0 - 6 in.	4/27/2007 13:10	Southwest corner of storage units at building 46	0 .61 JP	1.8 U	1.8 U	1.8 U	0 .46 JP	0 .22 JP	0 .83 JP	9 .7	1.2 JF	0 .45 JP	0 .85 JP	3 6 U	8 .7	5.4 JP	3 6 U	3.6 U	1 8 U	0 .37 JP	36 U	36 L
3GH-SF(0.5)-67	H1YD4	0 - 6 in.	4/30/2007 00:00	Trench at west end of building 48	0 .075 JP	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	3 .7 U	3 7 U	3.7 U	3.7 U	3.7 U	37 U	3.7 U	18 U	0 .12 JP	3 .7 U	1.9 U	1.9 U	37 U	37 L
BGH-SF(0.5)-68	H1PZ9	0 - 6 in.	4/30/2007 08:50	At former dry cleaning facility at 1000 South 500 East	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0 .17 JP	0 .89 JP	3 .5 U	3 5 U	3 .5 U	3.5 U	1 JP	18 U	3.5 U	3 5 U	1.8 U	0 .075 JP	40 U	40 L
BGH-SF(0.5)-69	H1YC8	0 - 6 in.	4/30/2007 13:30	North of golf course maintenance shed outside of fence	19 U	19 U	19 U	19 U	19 U	19 U	37 U	32 J	37 U	37 U	2 .7 JP	37 U	140	190 U	37 U	4 J	19 U	1.4 J	370 U	37 L
BGH-SF(0.5)-70	H1Q01	0 - 6 in.	4/30/2007 10:00	Northwest corner of old laundry building	1.9 U	1.9 U	1.9 U	1.9 U	0 .18 JP	1.9 U	10	5.4 P	0 .65 JF	0 .39 JP	3 ,6 U	3.6 U	9.8 P	18	3 6 U	3.6 U	1.9 U	0 .78 JP	3.6 U	57
3GH-SF(0.5)-71	H1YDO	0 - 6 in.	4/30/2007 14:10	Dump north of golf course maintenance shed	1.9 U	200 EP	1.9 U	1.9 U	0 .27 JP	1.9 U	1.6 J	18 P	0 .21 JP	0 .27 JP	1.1 JP	3.6 U	80 E	1.2 JP	3.6 U	1.7 JP	1.9 U	1.4 J	36 U	36 U
3GH-SF(0.5)-72	H1Q08	0 - 6 in.	4/30/2007 12:55	From stairs by former carpenter shop	19 U	0 .58 JP	1.9 U	1.9 U	1.9 U	0 .04 JP	0 .51 JP	5 P	0.3 JF	0 .55 J	0 .17 JP	3 7 U	5 .2	1.8 J	3 7 U	3.7 U	0 .54 JP	1 J	37 U	37 U
BGH-SF(0.5)-73	H1PW4	0 - 6 in.	4/25/2007 14:20	Sink hole just south of maintenance shop near 12th tee	19 U	19 U	1.9 U	1.9 U	1.6 JP	0 .11 JP	3.6 U	41	0 .33 JF	0 .21 JP	0.9 J	3 6 U	43	18 Ú	3.6 U	3.6 U	0 .073 JP	1.9 U	92 EP	36 U
3GH-SF(0.5)-74	H1PW9	0 - 6 in.	4/25/2007 16:05	South boundary of golf course, east of 12th tee box	0 .086 JP	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	3 .6 U	0 .095 JP	3 .6 U	3.6 U	3.6 U	3 6 U	0 .072 JP	18 U	3.6 U	3.6 U	1.9 U	1.9 U	36 U	36 U
BGH-SF(0.5)-75	H1PW7	0 - 6 in.	4/25/2007 15:40	North of 12th fairway	0 .067 JP	1.9 U	1.9 U	19 U	1.9 U	1.9 U	3.6 U	3 6 U	3.6 U	0 .051 JP	3.6 U	3.6 U	3.6 U	18 0	3.6 U	0 .24 JP	1.9 U	1.9 U	36 U	36 U

Q = Data Qualifi

Constituent was undetected
Observed Release

U = Undetected. The material was analyzed for, but was not detected above the associated value. Reported value is the detection limit.

J = Reported concentration is an estimate because quality control criteria were not met.

P = Reported concentration is an estimate because quality control criteria were not met.

E = Reported concentration is an estimate. Sample should have been diluted and re-analyzed but was not.

^{*} SCDM does not list benchmarks for individual PCBs but gives "PCB" benchmarks that apply to all individual compounds.

Table 13. Results of PCBs and Pesticides Detected in Subsurface Soil Samples at the Bushnell General Hospital Site.

									FT P.					Pesticide	s			1.4		A. W				PC	CBs
				Analyte	alpha-BHC	beta-BHC	delta-BHC	gamma-BHC (Lindane)	Heptachlor	Aldrin	Heptachlor epoxide	Endosulfan I	Dieldrin	4, 4'-DDE	Endrin	Endosulfan II	4, 4-DDD	4, 4-DDT	Meth- oxychlor	Endrin ketone	Endrin aldehyde	alpha- Chlordane	gamma- Chlordane	Aroclor-1016	Aroclor-126
				CAS#	319-84-6	319-85-7	319-86-8	58-89-9	76-44-8	309-00-2	1024-57-2	959-98-8	60-57-1	72-55-9	72-20-8	33213-65-9	72-54-8	50-29-3	72-43-5	53494-70-8	7421-93-4	5103-71-9	5103-74-2	12674-11-2	11096-82-5
				Cancer Risk Screening Concentration	100	350	not on SCDM	490	140	38	70		40	1,900	-3	-	2,700	1,900		not on SCDM	- 1	1,800	1,800	320*	320*
				Reference Dose Screening Concentration for Non-Cancer Toxicological Responses		-	not on SCDM	23,000	39,000	2,300	1,000	470,000	3,900	1-1	23,000	470,000	1	39,000	390,000	not on SCDM	11_	39,000	39,000	1600*	1600*
Sample Number	Traffic Number	Sample Depth	Sample Date/Time	Sample Location	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μ g/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μ g/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q
BGH-SB(2)-50	H1PT8	6 - 24 in.	4/23/2007 11:10	Borehole for Background Well MW00	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1 .8 U	3 .5 U	3.5 U	3.5 U	3.5 U	3 .5 U	3.5 U	18 U	3 .5 U	3 .5 U	1.8 U	1.8 U	35 U	35 U
BGH-SB(2)-51	H1Q03	6 - 24 in.	4/30/2007 10:40	Borehole for Well MW01	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	3.6 U	3 .6 U	3.6 U	3.6 U	3.6 U	3 6 U	18 U	3 .6 U	3 .6 U	1.9 U	0 .058 JP	36 U	36 U
BGH-SB(2)-52	H1PY9	6 - 24 in.	4/27/2007 18:10	Borehole for Well MW02 at Wolford Auto	1.9 U	1.9 U	1.9 U	3 .1	14	16	1.9 U	1.9 U	30	8.8	30	3.7 U	0 .38 JP	20	18 U	0 .48 JP	0 .91 JP	1.9 U	1.9 U	41	34
BGH-SB(2)-53	H1PZ2	6 - 24 in.	4/28/2007 12:00	Borehole for Well MW03 at Credit Union	1,8 U	1.8 U	1.8 U	1.8 U	0 .091 J	1.8 U	1.8 U	1.8 U	3 .5 U	11	0 .07 JP	3 .5 U	0.2 JP	4 .7	18 U	3.5 U	3 .5 U	1.8 U	0 .089 JP	35 U	35 Ü
BGH-SB(2)-54	H1PZ5	6 - 24 in.	4/29/2007 16:25	Borehole for Well MW04 at 900 South and 450 East	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0 .14 JP	1.8 U	0 .76 JP	5 .3	0 .87 JP	0 .51 JP	3.5 U	17	11 JP	1.3 JP	3.5 U	2.6 P	3	35 U	35 U
BGH-SB(2)-55	H1YD7	6 - 24 in.	4/30/2007 16:20	Borehole for Well MW05	0 .068 J	0 .23 JP	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	3.5 U	3 .5 U	3 .5 U	3.5 U	3 .5 U	3.5 U	18 U	3.5 U	3.5 U	1.8 U	0 .045 JP	35 U	35 U
BGH-SB(2)-56	H1PX1	6 - 24 in.	4/25/2007 16:25	Duplicate of BGH-SB(2)-74	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	3 .6 U	3.6 U	3.6 U	3.6 U	3 .6 U	3.6 U	18 U	3.6 U	3.6 U	1.8 U	1.8 U	36 U	36 U
BGH-SB(2)-60	H1PX4	6 - 24 in.	4/25/2007 18:00	SW corner of golf course near intersection of Hwy 89/91 and Main Street	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	3.7 U	3 .7 U	3.7 U	3 .7 U	3 .7 U	3.7 U	18 U	3 .7 U	3.7 U	1.9 U	1.9 U	37 U	37 U
BGH-SB(2)-61	H1PX9	6 - 24 in.	4/27/2007 10:20	Parkstrip south of old K-mart	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	0 .13 JP	2.4 JP	0 .064 JP	0 .069 J	0 .34 JP	0 .53 JP	18 U	3.6 U	0 .48 JP	0 .032 JP	0 .16 J	36 U	36 U
BGH-SB(2)-62	H1PY1	6 - 24 in.	4/27/2007 10:50	South side of road east of Credit Union	1.9 U	1.9 U	1.9 U	1.9 U	19 U	1.9 U	1.9 U	1.9 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	0 .12 J	18 U	3.6 U	3,6 U	1.9 U	1.9 U	36 U	36 U
BGH-SB(2)-63	H1PY3	6 - 24 in.	4/27/2007 12:00	East end of building at 933 South 200 East	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	3.5 U	0 .11 JP	3.5 0	3.5 U	3.5 U	0 .11 JP	18 U	3.5 U	0 .072 JP	1.8 U	0 .038 JP	35 U	35 U
BGH-SB(2)-64	H1PY5	6 - 24 in.	4/27/2007 12:25	Northeast corner of intersection at 200 East and 900 South	0 .14 JP	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	3.4 U	3 ,4 U	3 .4 U	3.4 U	3.4 U	3.4 U	18 U	3.4 U	3 .4 U	1.8 U	1.8 U	34 U	34 U
BGH-SB(2)-65	H1DY2	6 - 24 in.	4/30/2007 14:40	Trench at east end of building 47	2 U	0 .25 JP	2 U	2 U	2 U	2 U	2 U	0 .045 JP	0.6 JP	0 .52 JP	0 .12 JP	0 .083 JP	0 .18 JP	1.4 J	1.3 JP	0.7 JP	3.8 U	0 .15 JP	0 .28 JP	38 U	38 U
BGH-SB(2)-66	H1PY7	6 - 24 in.	4/27/2007 13:10	Southwest corner of storage units at building 46	2 U	2 U	2 U	2 Ü	2 U	2 U	2 U	3.8 U	0 .066 JP	3 .8 U	3 8 U	3.8 U	3.8 U	3.8 U	20 U	3.8 U	3 . 8 U	2 U	2 U	38 U	38 U
BGH-SB(2)-67	H1YD4	6 - 24 in.	4/30/2007 00:00	Trench at west end of building 48	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	19 U	3.6 U	3 6 U	1.9 U	1.9 U	36 U	36 U
BGH-SB(2)-68	H1PZ9	6 - 24 in.	4/30/2007 08:50	At former dry cleaning facility at 1000 South 500 East	2 U	0 .07 JP	2 U	2 U	2 U	2 U	2 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	20 U	4 U	4 U	2 Ü	0 .18 JP	40 U	40 Ü
BGH-SB(2)-69	H1YC8	6 - 24 in.	4/30/2007 13:30	North of golf course maintenance shed outside of fence	18 U	18 U	18 U	18 U	18 U	0 .36 JP	18 U	18 U	35 U	210	35 U	1.3 JP	17 JP	990 E	10 JP	5.2 JP	35 U	18 U	18 U	35 U	35 U
BGH-SB(2)-70	H1Q01	6 - 24 in.	4/30/2007 10:00	Northwest corner of old laundry building	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	1.9 U	3.7 U	1.2 J	3.7 U	3.7 U	3.7 U	0 .63 JP	19 U	3.7 U	0 .059	1.9 U	0 .11 JP	37 U	37 U
BGH-SB(2)-71	H1YDO	6 - 24 in.	4/30/2007 14:10	Dump north of golf course maintenance shed	1.9 U	1.9 U	84 EP	1.9 U	1.9 U	1.9 U	0 .26 JP	1.9 U	1.1 JP	3 .5 JP	0 .9 J	0 .47 JP	3.7 U	4.5 P	0 .92 JP	3.7 U	0 .75 JP	1.9 U	0 .84 JP	37 U	51
BGH-SB(2)-72	H1Q08	6 - 24 in.	4/30/2007 12:55	From stairs by former carpenter shop	2 0	0 .083 JP	2 U	2 U	2 U	2 U	2 U	2 U	3 .8 U	3 .8 U	3 .8 U	3 .8 U	3.8 U	3.8 U	3.8, U	3.8 U	3 .8 U	2 U	2 U	38 U	38 U
BGH-SB(2)-73	H1PW4	6 - 24 in.	4/25/2007 14:20	Sink hole just south of maintenance shop near 12th tee	2 U	0.1 J	2 U	2 U	2 U	2 U	2 U	2 U	3 .8 U	0 .99 J	0 .11 JP	3.8 U	3.8 U	2.6 J	20 U	0 .32 JP	3.8 U	0 .083 JP	0 .17 JP	38 U	38 U
BGH-SB(2)-74	H1PW9	6 - 24 in.	4/25/2007 16:05	South boundary of golf course, east of 12th tee box	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	1.8 U	3.6 U	3.6 U	3.6 U	3.6 U	3 .6 U	3.6 U	18 - U	3.6 U	3.6 U	1.8 U	1.8 U	36 U	36 U
BGH-SB(2)-75	H1PW7	6 - 24 in.	4/25/2007 15:40	North of 12th fairway	2 U	0 .14 JP	2 U	2 U	2 U	2 U	2 U	2 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	20 U	3.9 U	3.9 U	2 U	2 U	39 U	39 U

Q = Data Qualit

Constituent was undet

U = Undetected. The material was analyzed for, but was not detected above the associated value. Reported value is the detection limit.

J = Reported concentration is an estimate because quality control criteria were not met.

P = Reported concentration is an estimate because quality control criteria were not met.

E = Reported concentration is an estimate. Sample should have been diluted and re-analyzed but was no

^{*} SCDM does not list henchmarks for individual PCRs but gives "PCR" henchmarks that apply to all individual compounds

Table 14. Results of Pesticides Detected in Deep Soil Samples at the Bushnell General Hospital Site.

				Analyte beta-BHC Heptachlor epoxide Endosulfan I Dieldri CAS # 319-85-7 1024-57-2 959-98-8 60-57- Cancer Risk Screening Concentration 350 70 - 40	Dieldrin	4, 4-DDT	Meth- oxychlor	gamma- Chlordane			
							959-98-8		50-29-3 1,900	72-43-5	5103-74-2 1,800
				Reference Dose Screening Concentration for Non-Cancer Toxicological Responses		1,000	470,000	3,900	39,000	390,000	39,000
Sample #	Traffic #	Sample Depth	Sample Date/Time	Sample Location	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q	μg/kg Q
SH-SS(20)-50	H1PW0	20 feet	4/23/2007 12:17	Borehole for Background Well MW00	1.8 U	1.8 U	1 .8 U	3.4 U	3.4 U	18 U	1.8 U
H-SS(162)-50	H1PW1	162 feet	4/24/2007 19:30	Borehole for Background Well MW00	2.1 U	2.1 U	2.1 U	2.1 U	3.4 U	0 .33 JP	2.1 U
H-SS(206)-50	H1PX7	206 feet	4/26/2007 17:05	Borehole for Background Well MW00	1.9 U	1.9 U	1.9 U	3 .7 U	3.7 U	19 U	1.9 U
					RIDER LEGICAL						

BGH-33(102)-30	TITEVVI	102 1661	4/24/2007 19.50	Borefiole for Background Well MWV00					Barrier 9			0.33 3	
BGH-SS(206)-50	H1PX7	206 feet	4/26/2007 17:05	Borehole for Background Well MW00	1.9 U	J	1.9 U	1.9 U	3 .7 U	3.7	U	19 U	1.9 U
BGH-SS(20)-51	H1Q04	20 feet	4/30/2007 11:10	Borehole for Well MW01	1.8 (J	1.8 U	1.8 U	3, 5 U	3 .5	U	18 U	1.8 U
BGH-SS(22)-51	H1Q06	20 feet	4/30/2007 12:10	Borehole for Well MW01	0 .075 J	ΙP	0 .054 J	2 U	2 U	3 .9	U	20 U	2 0 U
BGH-SS(20)-52	H1PZ0	20 feet	4/27/2007 18:40	Borehole for Well MW02, at Wolford Auto	2.1	,	2.1 U	2.1 U	2 1 U	A	U	21 U	2.1 U
BGH-SS(20)-53	H1PZ3	20 feet	4/28/2007 12:15	Borehole for Well MW03, at Credit Union	1.9 i	,	1.9 U	1.9 U	3 .7 U	3 .7	U	19 U	1.9 U
BGH-SS(17)-54	H1PZ6	17 feet	4/29/2007 17:55	Borehole for Well MW04, at 900 South and 450 East	0 .11 J	IP	2.1 U	2.1 U	2.1 U	4 .1	U	21 U	2.1 U
BGH-SS(20)-55	H1YD8	20 feet	4/30/2007 16:45	Borehole for Well MW05	2.3 (,	2.3 U	2.3 U	4 .4 U	0 .52	JP	0.38 JP	0 .041 JP
BGH-SS(35)-55	H1YD9	35 feet	4/30/2007 17:35	Borehole for Well MW05	1.8	ı	1.8 U	0 .058 J	0 .067 JP	0 .38	JP	0.67 JP	0 .038 JP
BGH-SS(20)-57	H1Q05	20 feet	4/30/2007 11:15	Duplicate of BGHSS(20)-51	0.1 J	JP	1.8 U	1.8 U	3.5 U	3 .5	U	18 U	1.8 U

Q = Data Qualifier

This constituent was undetected in this sample

U = Undetected. The material was analyzed for, but was not detected above the associated value. Reported value is the detection limit.

J = Reported concentration is an estimate because quality control criteria were not met.

P = Reported concentration is an estimate because quality control criteria were not met.

Table 15. Total Metals Results for Surface Soil Samples at the Bushnell General Hospital Site.

Analyte

				CAS#	7429-90-5	7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-70-2	7440-47-3	3 7440-48-	4 7440-50-8	7439-89-6	6 7439-92-1	1 7439-95-4	7439-96-5	7439-97-6	7440-02-	07440-09-7	7782-49-2	7440-22-4	17440-23-5	7440-28-0	7440-62	-27440-66
				Reference Dose Screening Concentration for Non-Cancer Toxicological Responses		31	23	5,500	160	39	Compound not on SCDM	230	5.5		-		Compound not on SCDM	11,000	23	1,600	Compound not on SCDM	390	390	Compound not on SCDM		550	23,000
				Cancer Risk Screening Concentration	-	1-	0.43			,	Compound not on SCDM	-	-	-			Compound not on SCDM	-	-		Compound not on SCDM	7	91 <u>1</u> ,4	Compound not on SCDM	4.		
Sample Number	Traffic Number	Sample Depth	Sample Date/Time	Sample Location	μg/L Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg (mg/kg C
BGH-SF(0.5)-50	Н1РТ8	0 - 6 in.	4/23/2007 11:10	Borehole for Background Well MW00		0 .14 J	3 .4	33 .1	0 .17 J	0 .09 J		6 .1	2 .7	6 .3		6 .3		178	0 .0069 J	6 .3		0 .14 J	0 .21 U		0 .022 J	6	16 .1
BGH-SF(0.5)-51	H1Q03	0 - 6 in.	4/30/2007 10:40	Borehole for Well MW01		0 .19 J	6 .5	106	0 .52 J	0 .31 J		11 .2	6 .2	16		19 .3		491	0 .020 J	11 .8		0.2 J	0 .14 J		0 .12 J	14 .4	42 .8
BGH-SF(0.5)-52	H1PY9	0 - 6 in.	4/27/2007 18:10	Borehole for Well MW02 at Wolford Auto		0 .16 J	4 .5	46 .8	0 .29 J	0 .11 J		9 .9	5 .8	14 .8		9		325	0 .13 J	11 .9		0 .18 J	1 .5		0 .13 J	11 .1	28
BGH-SF(0.5)-53	H1PZ2	0 - 6 in.	4/28/2007 12:00	Borehole for Well MW03 at Credit Union		0 .19 J	4 .1	47 .1	0 .22 J	0 .15 J		5 .1	2 .8	18		18 .6		185	0 .11	5 .9		0 .13 J	0 .31		0 .030 J	6 .5	30 .9
BGH-SF(0.5)-54	H1PZ5	0 - 6 in.	4/29/2007 16:25	Borehole for Well MW04 at 900 South and 450 East		0 .16 J	2.2	24 .9	0 .17 J	0 .12 J		3 .6	2 .3	5 .8		13 .8		145	0 .016 J	4 .6		0 .12 J	0 .13 J		0 .03 J	4 .2	21 .2
BGH-SF(0.5)-55	H1YD7	0 - 6 in.	4/30/2007 16:20	Borehole for Well MW05		0 .21 J	3 .2	41 .2	0.2 J	0 .12 J		4 .6	3 .1	7 .6		8 .1		188	0 .026	5 .6		0 72 U	0 .32		0 .51 U	6 .5	22 .2
BGH-SF(0.5)-56	H1PX1	0 - 6 in.	4/25/2007 16:25	Duplicate of BGH-SB(2)-74		0 .26 J	9 .8	95 .6	0 .43 J	0.3 J		15 .8	8 .2	19 .6		18 .5		502	0 .012 J	18 .1		0 .23 J	0 .24 U		0 .083 J	19 .2	50 .3
BGH-SF(0.5)-60	H1PX4	0 - 6 in.	4/25/2007 18:00	SW corner of golf course near intersection of Hwy 89/91 and Main Street		0 .24 J	6.6	96 .5	0 .43 J	0 .25 J		15 .1	8 .9	20 .5		31 .3		487	0 .026	17 .4		0 .18 J	0.1 J		0 .072 J	15 .8	52 .2
BGH-SF(0.5)-61	H1PX9	0 - 6 in.	4/27/2007 10:20	Parkstrip south of old K-mart	8	1.7 U	1.9	34 .2	0 .15 J	0 .14 J	p ₀	3 .8	2	5 .9	Pa	7 .8	P	119	0 .022	4 .3	8	0 .13 J	0 .08 J	20	0 .02 J	4 .4	20 .3
BGH-SF(0.5)-62	H1PY1	0 - 6 in.	4/27/2007 10:50	South side of road east of Credit Union	report	0 .17 J	5 .1	64 .5	0 .29 J	0 .25 J	report	7 .5	4 .6	13 .3	report	23 .7	report	263	0 .12	9 .4	report	0 .18 J	0 .62	report	0 .04 J	8 .4	39 .4
BGH-SF(0.5)-63	H1PY3	0 - 6 in.	4/27/2007 12:00	East end of building at 933 South 200 East	as not	0 .12 J	2 .9	48 .3	0 .23 J	0 .34 J	as not	4 .9	2 .9	8 .2	as not	14 .8	as not	178	0 .02 J	5	as not	0 .73 U	0 .06 J	as not	0 .02 J	6 .6	34 .8
BGH-SF(0.5)-64	H1PY5	0 - 6 in.	4/27/2007 12:25	Northeast corner of intersection at 200 East and 900 South	ation w	0 .07 J	7	89 .3 0	0 .44 J	0 .22 J	ation w	12 .2	7 .3	16 .6	ation w	14 .8	afion w	487	0 .02 J	14 .4	ation w	0 .18 J	0 21 U	ation w	0 .07 J	15	41
BGH-SF(0.5)-65	H1DY2	0 - 6 in.	4/30/2007 14:40	Trench at east end of building 47	ncentr	0 .13 J	9 .4	55 .8	0 .41 J	0 .11 J	ncentr	11 .9	6 .6	16 .9	ncentr	25 .1	incenti	306	0 .026	15 .8	incentr	0 .14 J	0 .21 U	nncentr	0 .05 J	14	38 .8
BGH-SF(0.5)-66	H1PY7	0 - 6 in.	4/27/2007 13:10	Southwest corner of storage units at building 46	alyte co	1.6 U	9 .4	75 .5	0 .41 J	0 .17 J	alyte co	12 .9	7 .4	27 .9	alyte co	21 .9	alyte co	430	0 .026	16 .3	alyte co	0 .14 J	0 .07 J	alyte co	0 .05 J	14 .7	44 .6
BGH-SF(0.5)-67	H1YD4	0 - 6 in.	4/30/2007 00:00	Trench at west end of building 48	An	0 .15 J	13 .2	88 .1	0 .74	0 .34 J	Å	19 .2	9 .8	22 .1	Ank	15 .3	Å	501	0 .022 J	23 .1	Αν	0 .25 J	0 .23 U	Ank	0 .11 J	23 .4	57 .8
BGH-SF(0.5)-68	H1PZ9	0 - 6 in.	4/30/2007 08:50	At former dry cleaning facility at 1000 South 500 East		0 .16 J	10 .4	88 .8	0 .84	0 .28 J		19 .3	10 .8	23		21 .1		586	0 .02 J	23 .4		0.2 J	0 .12 J		0 .15 J	24 .1	55 .3
BGH-SF(0.5)-69	H1YC8	0 - 6 in.	4/30/2007 13:30	North of golf course maintenance shed outside of fence		0 .12 J	4	47	0 .24 J	0 .15 J		8 .1	4	10 .2		15 .4		246	0 .021 J	7 .9		0 .13 J	0 .17 J		0 .04 J	7 .9	36 .6
BGH-SF(0.5)-70	H1Q01	0 - 6 in.	4/30/2007 10:00	Northwest corner of old laundry building		0 .27 J	6 .5	79 .4	0 .39 J	0 .45 J		10 .6	6 .1	22 .2		31 .8		396	0 .14	12 .9		0 .18 J	0 .16 J		0 .09 J	11 .9	62
BGH-SF(0.5)-71	H1YDO	0 - 6 in.	4/30/2007 14:10	Dump north of golf course maintenance shed		0 .27 J	7 .5	62 .3	0 .27 J	0 .21 J		8 .3	5 .1	17 .2		10 .5		376	0 .056	10 .6		0 .22 J	0 .13 J		0 .03 J	11	33 .7
BGH-SF(0.5)-72	H1Q08	0 - 6 in.	4/30/2007 12:55	From stairs by former carpenter shop		0 .29 J	9 .8	78 .8	0 .47 J	0 .24 J		17 .7	10 .3	24 .1		27 .8		477	0 .015 J	21 .6		0 .19 J	0 .14 J		0 .08 J	19 .5	56 .6
BGH-SF(0.5)-73	H1PW4	0 - 6 in.	4/25/2007 14:20	Sink hole just south of maintenance shop near 12th tee		0 .19 J	6.3	67 .2	0 .34 J	0 .24 J		9 .6	6	15 .2		20		380	0 .036	12 .8		0 .24 J	0 .15 J		0 .041 J	11 .1	41 .1
BGH-SF(0.5)-74	H1PW9	0 - 6 in.	4/25/2007 16:05	South boundary of golf course, east of 12th tee box		0 .3 J	9 .9	89 .1	0 .42 J	0 .23 J		14 .3	8 .2	18 .8		16 .4		494	0 .015 J	17 .9		0 .18 J	0 .24 U		0 .086 J	19 .7	49 .6
BGH-SF(0.5)-75	H1PW7	0 - 6 in.	4/25/2007 15:40	North of 12th fairway		0 .35 J	13 .7	85 .4	0 .49 J	0.2 J		19 .4	10 .6	24 .2		22 .8		621	0 .024 J	23 .6		0 .29 J	0 .15 J		0 .066 J	19 .9	57 .5

Barium Beryllium Cadmium Calcium Chromium Cobalt Copper

Lead MagnesiumManganese Mercury

Sodium Thallium Vanadium

J = Reported concentration is an estimate because quality control criteria were not met.

Table 16. Total Metals Results for Subsurface Soil Samples at the Bushnell General Hospital Site.

				Analyte	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadiun	m Zinc
				CAS#	7429-90-	7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-70-2	7440-47-3	7440-48-4	7440-50-8	7439-89-6	7439-92-1	1 7439-95-4	7439-96-5	7439-97-6	7440-02-0	7440-09-7	7782-49-2	7440-22-4	7440-23-5	7440-28-0	7440-62-	2 7440-66
				Reference Dose Screening Concentration for Non-Cancer Toxicological Responses	1	31	23	5,500	160	39	Compound not on SCDM	230			-	-	Compound not on SCDM	11,000	23	1,600	not on SCDM	390	390	not on SCDM		550	23,00
				Cancer Risk Screening Concentration			0.43	-			Compound not on SCDM	-	-	-	-	4.5	Compound not on SCDM				Compound not on SCDM	-	-	Compound not on SCDM		- 1	
ample Number	Traffic Number	Sample Depth	Sample Date/Time	Sample Location	μg/L Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg (
BGH-SB(2)-50	H1PT8	6 - 24 in.	4/23/2007 11:10	Borehole for Background Well MW00		0 .22 J	3 .9	35 .1 0	0 .19 J	0 .11 J		5 .7	2 .5	6 .3		6 .5		174	0 .012 J	5 .2		0 .13 J	0 .21 U		0 .03 J	6 .1	14 .9
BGH-SB(2)-51	H1Q03	6 - 24 in.	4/30/2007 10:40	Borehole for Well MW01		0 .19 J	5 .1	101	0 .46 J	0 .25 J		9 .1	5 .6	13 .1		13 .4		433	0 .017 J	10 .2		0 .2 J	0 .08 J		0 .11 J	13	34 .8
BGH-SB(2)-52	H1PY9	6 - 24 in.	4/27/2007 18:10	Borehole for Well MW02 at Wolford Auto		0 .15 J	7 .3	78 .9	0 .45 J	0 .15 J	1	15 .5	9 .6	21		11 .1		498	0 .0076	19 .9		0 .22 J	0 .54		0 .12 J	17 .1	42 .3
BGH-SB(2)-53	H1PZ2	6 - 24 in.	4/28/2007 12:00	Borehole for Well MW03 at Credit Union		0 .09 J	9 .6	41 .4	0 .24 J	0 .08 J		7 .4	4 .2	9 .6		7 .8		197	0 .014 J	8 .4		0 .16 J	0 .13 J		0 .04 J	8 .4	21 .7
BGH-SB(2)-54	H1PZ5	6 - 24 in.	4/29/2007 16:25	Borehole for Well MW04 at 900 South and 450 East		0 .17 J	2 .6	26	0 .16 J	0 .12 J		3 .6	2 .3	4		11 .3		99 .2	0 .03	4 .3		0 .14 J	0 .08 J	4 10	0 .67 U	5 .8	21 .3
BGH-SB(2)-55	H1YD7	6 - 24 in.	4/30/2007 16:20	Borehole for Well MW05		0 .13 J	3 .2	23 .3	0 .2 J	0 .03 J		10 .8	7	12 .1		9		72 1	0 .0081 J	15		0 .74 U	0 .07 J		0 .53 U	11 .4	24 .8
BGH-SB(2)-56	H1PX1	6 - 24 in.	4/25/2007 16:25	Duplicate of BGH-SB(2)-74		0.2 J	13 .6	88 .5	0 .45 J	0 .1 J		19 .5	10 .1	22 .6		12 .4		561	0 .009 J	22 .7		0 .18 J	0 .24 J		0 .072 J	23 .5	46 .5
BGH-SB(2)-60	H1PX4	6 - 24 in.	4/25/2007 18:00	SW corner of golf course near intersection of Hwy 89/91 and Main Street		0 .33 J	6 .1	121	0 .66 J	0.3 J		20 .7	10 .9	25 .3		15 .9		533	0 .018 J	22 .7		0 .27 J	0 .085 J		0 .1 J	21 .6	65 .3
BGH-SB(2)-61	H1PX9	6 - 24 in.	4/27/2007 10:20	Parkstrip south of old K-mart	9	1.6 U	4	54 .7	0 .25 J	0 .12 J	S.	6 .5	3 .8	8.8	D.	9 .2	D.	218	0 .019 J	7 .1	R	0 .75 U	0 .25 U	D.	0 .04 J	7 .9	22
BGH-SB(2)-62	H1PY1	6 - 24 in.	4/27/2007 10:50	South side of road east of Credit Union	reporte	1.7 U	5 .3	75	0 .33 J	0 .16 J	report	8 .2	6 .1	13	report	11 .5	reporte	435	0 .016 J	11 .4	reporte	0 .12 J	0.22 U	reporte	0 .04 J	9 .6	25 .8
BGH-SB(2)-63	H1PY3	6 - 24 in.	4/27/2007 12:00	East end of building at 933 South 200 East	as not	1.6 U	2 .9	59 .5	0.3 J	0 .09 J	as not	5 .6	3 .6	7 .9	as not	6 .5	as not	222	0 .011 J	5 .9	as not	0 .74 U	0 .21 U	as not	0 .04 J	7 .8	20 .6
BGH-SB(2)-64	H1PY5	6 - 24 in.	4/27/2007 12:25	Northeast corner of intersection at 200 East and 900 South	ation w	1.6 U	1 .8	17 .3	0 .1 J	0 .02 J	ation w	2 .8	1 .6	3 .3	ation w	2 .8	ation w	82 .2	0 .0076 J	2 .9	ation w	0 73 U	0 .21 U	ation w	0 .52 U	3	5 .9
BGH-SB(2)-65	H1DY2	6 - 24 in.	4/30/2007 14:40	Trench at east end of building 47	oncentr	0 .19 J	8 .5	72 .8	0 .46 J	0 .17 J	ncentr	14 .5	8	18 .3	ncentr	15 .6	ncentr	397	0 .017 J	17 .9	incentr	0 .14 J	0.23 U	ncentr	0 .06 J	17 .3	38 .7
BGH-SB(2)-66	H1PY7	6 - 24 in.	4/27/2007 13:10	Southwest corner of storage units at building 46	alyte co	1.7 U	9 .9	76	0 .52 J	0 .12 J	alyte co	13 .3	8 .6	16 .8	alyte co	11 .9	alyte cc	477	0 .020 J	18 .1	alyte co	0 .2 J	0 23 U	alyte co	0 .07 J	17 .6	33 .4
BGH-SB(2)-67	H1YD4	6 - 24 in.	4/30/2007 00:00	Trench at west end of building 48	Ą	0 .17 J	7 .7	78 .6	0 .55 J	0 .19 J	Αŭ	19 .1	9 .9	20 .5	Ä	13 .1	An	520	0 .014 J	24 .3	Ą	0 .23 J	0 .23 U	Ą	0 .08 J	20 .9	43
BGH-SB(2)-68	H1PZ9	6 - 24 in.	4/30/2007 08:50	At former dry cleaning facility at 1000 South 500 East		0 .15 J	11 .7	89	0 .76	0 .21 J		18 .9	10 .4	21 .4		17 .9		592	0 .016	22 .8		0.2 J	0.23 U		0 .14 J	23 .9	51 .3
BGH-SB(2)-69	H1YC8	6 - 24 in.	4/30/2007 13:30	North of golf course maintenance shed outside of fence		0 .07 J	2 .3	20 .7	0 .15 J	0 .07 J		4	3 .3	5 .5		11 .3		99 .9	0 .0099 J	4 .7		0 .13 J	0.21 U		0.54 U	4 .5	19 .5
BGH-SB(2)-70	H1Q01	6 - 24 in.	4/30/2007 10:00	Northwest corner of old laundry building		0 .22 J	7 .4	112	0 .53 J	0 .36 J		12 .9	7	18 .3		18 .9		496	0 .015 J	14 .4		0 .32 J	0 .08 J		0 .13 J	14 .8	52 .7
BGH-SB(2)-71	H1YDO	6 - 24 in.	4/30/2007 14:10	Dump north of golf course maintenance shed		0 .18 J	5	70 .4	0 .28 J	0 .23 J		9 .5	5 .6	14 .6		10 .4		529	0 .057	11 .3		0 .19 J	0 .08 J		0 .04 J	9 .4	41 .3
BGH-SB(2)-72	H1Q08	6 - 24 in.	4/30/2007 12:55	From stairs by former carpenter shop		0.2 J	7 .2	26 .5 -	0 .27 J	0 .07 J		13 .4	10	22 .7		12 .5		231	0 .008 J	21 .1		0.76 U	0 .22 U		0 .22 U	13 .6	41 .6
BGH-SB(2)-73	H1PW4	6 - 24 in.	4/25/2007 14:20	Sink hole just south of maintenance shop near 12th tee		1 J	14 .5	111	0 .53 J	0 .31 J		18 .4	9 .3	28 .2		36 .9		496	0 .024 J	21 .9		0 .27 J	0 .21 J		0 .18 J	20 .4	74
BGH-SB(2)-74	H1PW9	6 - 24 in.	4/25/2007 16:05	South boundary of golf course, east of 12th tee box		0 .27 J	12 .2	92 .6	0 .46 J	0 .19 J		17 .6	9 .9	20 .8		14 .2		524	0 .011 J	20		0 .25 J	0 .23 U		0 .082 J	19 .6	48 .8
BGH-SB(2)-75	H1PW7	6 - 24 in.	4/25/2007 15:40	North of 12th fairway		0 .21 J	9 .1	65 .7	0 .44 J	0 .1 J		38 .8	8 .4	16 .3		12 .4		381	0 .011 J	24 .7		0 .18 J	0 .068 J		0 .064 J	19 .1	39 .9

Q = Data Qualifie

bold = Concentration that exceeded benchmark concentration

Constituent was undetected (or not reported)

Observed Releas

Observed Release that also exceeded benchmark concentra

U = Undetected. The material was analyzed for, but was not detected above the associated value. Reported value is the detection limit.

J = Reported concentration is an estimate because quality control criteria were not m

Table 17. Total Metals Results for Deep Soil Samples at the Bushnell General Hospital Site.

				Analyte	Aluminum	Antimony	Arsenic	Barium	Beryllium	Cadmium	Calcium	Chromium	Cobalt	Copper	Iron	Lead	Magnesium	Manganese	Mercury	Nickel	Potassium	Selenium	Silver	Sodium	Thallium	Vanadiun	m Zinc
				CAS#	7429-90-5	7440-36-0	7440-38-2	7440-39-3	7440-41-7	7440-43-9	7440-70-2	7440-47-3	7440-48-4	47440-50-8	7439-89-6	7439-92-1	7439-95-4	7439-96-5	7439-97-6	7440-02-0	7440-09-7	7782-49-2	7440-22-4	7440-23-5	7440-28-0	7440-62-	2 7440-66
				Reference Dose Screening Concentration for Non-Cancer Toxicological Responses	-9	31	23	5,500	160	39	Compound not on SCDM	230	-	WE (-		Compound not on SCDM	11,000	23	1,600	Compound not on SCDM	390	390	Compound not on SCDM		550	23,00
				Cancer Risk Screening Concentration			0.43	-		- 1	Compound not on SCDM		į		1	!- -3	Compound not on SCDM		.	-	Compound not on SCDM	1	1	Compound not on SCDM	-	-	-
Sample Number	Traffic Number	Sample Depth	Sample Date/Time	Sample Location	μg/L Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg Q	mg/kg (
BGH-SS(20)-50	H1PW0	20 feet	4/23/2007 12:17	Borehole for Background Well MW00		0 .071 J	6 .4	12 .5	0 .077 J	0 .016 J		3 .7	3 .2	7		3 .8		134	0 .003 J	6 .2		0 .72 U	0 .21 U		0 .52 U	4 .7	11 .8
3GH-SS(162)-50	H1PW1	162 feet	4/24/2007 19:30	Borehole for Background Well MW00		0 .23 J	7 .9	67 .1	0 .19 J	0 .062 J		159	14 .5	36 .1		11 .9		577	0 .012 J	55 .1		0.2 J	0 .27		0 .051 J	21 .7	42
3GH-SS(206)-50	H1PX7	206 feet	4/26/2007 17:05	Borehole for Background Well MW00	Pa	0 .13 J	4 .3	29	0 .19 J	0 .04 J	pe	27 .4	6 .7	21 .7	Pa	8 .7	pa	414	0 .0092 J	18 .2	Pa	U 8.0	0 .26	pa	0 .07 J	6 .2	26 .1
BGH-SS(20)-51	H1Q04	20 feet	4/30/2007 11:10	Borehole for Well MW01	report	0 .12 J	5 .9	15 .5	0 .17 J	0 .03 J	report	12 .8	8	13 .7	report	8 .3	report	144	0 .02 U	16 .5	repark	0 .13 J	0 .21 U	report	0.53 U	11 .3	30 .6
BGH-SS(22)-51	H1Q06	20 feet	4/30/2007 12:10	Borehole for Well MW01	vas not	1.7 U	3 .1	35 .5	0 .39 J	0.14 J	vas not	9 .9	5 .5	14 .1	vas not	8 .3	vas not	274	0 .016 J	13	vas not	0 .14 J	0 .23 U	vas not	0 .06 J	12	31
BGH-SS(20)-52	H1PZ0	20 feet	4/27/2007 18:40	Borehole for Well MW02, at Wolford Auto	ration v	0 .13 J	6	49 .8	0.3 J	0.06 J	ration v	19 .2	9 .6	19 .7	ation v	9 .9	ration v	539	0 .011 J	22 .8	ration v	0 .76 U	0 .6	ration v	0 .04 J	12 .5	32 .7
BGH-SS(20)-53	H1PZ3	20 feet	4/28/2007 12:15	Borehole for Well MW03, at Credit Union	nucent	0 .26 J	11 .4	27 .3	0 .18 J	0 .07 J	oncent	9 .2	9 .7	20	oncent	11 .5	oncenti	534	0 .0084 J	29 .2	oncenti	0 .13 J	0 .11 J	oncent	0 .04 J	8 .7	35 .6
BGH-SS(17)-54	H1PZ6	17 feet	4/29/2007 17:55	Borehole for Well MW04, at 900 South and 450 East	alyte co	0 .14 J	7 .6	22 .6	0 .22 J	0 .06 J	alyte co	13 .7	7 .6	13 .6	alyte co	7 .6	alyte co	224	0 .0084 J	16 .3	alyte co	0 .11 J	0.2 J	alyte co	0 .04 J	14 .3	28 .5
BGH-SS(20)-55	H1YD8	20 feet	4/30/2007 16:45	Borehole for Well MW05	Ā	0 .2 J	23 .5	88 .6	0 .35 J	0 .12 J	An	19 .6	15 .4	30 .5	Ā	15	An	474	0 .008 J	25 .4	An	0 .8 J	0 .13 J	An	0 .27 J	26	45
3GH-SS(35)-55	H1YD9	35 feet	4/30/2007 17:35	Borehole for Well MW05		0 .16 J	3 .3	11 .9	0 .09 J	0 .02 J		6 .1	6 .3	11 .1		7 .2		144	0 .0037 J	10 .1		0 .75 U	0.2 J		0 .53 U	4 .9	23
BGH-SS(20)-57	H1Q05	20 feet	4/30/2007 11:15	Duplicate of BGHSS(20)-51		0 .12 J	6 .2	19 .1	0 .17 J	0 .03 J		11 .6	7 .9	13 .3		8		205	0 .0038 J	16		0 .73 U	0 .21 U		0 .52 U	11	27 .4

Appendix A

Site Inspection Data Summary

SITE INSPECTION DATA SUMMARY

Site Name: Bushnell General Hospital EPA Region: VIII Date: 3/25/2009

State Office or Contractor Name and Address: <u>Utah Division of Environmental Response</u> and Remediation; 168 North 1950 West; <u>Salt Lake City</u>, <u>Utah 84114-4840</u>

GENERAL SITE INFORMATION

1.	CERCLIS ID Number:
	Address: City: Brigham City
	County: Box Elder State: UT Zip Code: Cong. Dist.: UT02
2.	Owner Name: U.S. Army
	Owner Address: City: State: UT
	Operator Name: U.S. Army
	Operator Address: City: State: UT
з.	Type of Ownership (check all that apply):
	☐ Private ☐ Municipal ☐ County ☐ State
	▼ Federal/Agency Name: Department of Defense □ Other: □ O
	References: Jones, 2008
4.	Approximate size of Property: 170 acres.
	References: <u>Jones, 2008</u>
5.	Latitude: 41° 29′ 40″ Longitude: 112° 0′ 30″ References: Jones, 2008
6.	Status: Active Inactive Unknown
	References: Jones, 2008
7.	Years of Operation: From: 1942 To: 1946
	References: Jones, 2008
8.	Previous Investigations:
TYP	E AGENCY/STATE/CONTRACTORS DATE REFERENCES
<u>PA</u>	UDEQ/DERR 2006 Murdock, 2006
<u>SI</u>	UDEQ/DERR 2008 Jones, 2008
	<u> </u>

WASTE SOURCE INFORMATION

1.	Waste source types (ch	neck all that apply):
	☐ Constituent	₩ Wastestream (type): bio hazards
	∐ Landfill	☐ Tanks or non-drum containers (type):
	☐ Drums	☐ Pile (type):
	☐ Contaminated Soil	☐ Surface Impoundment (buried)
	Land Treatment	☐ Surface Impoundment (backfilled)
	☐ Other:	
		References: <u>Jones</u> , 2008
2.	Types of wastes (check	all that apply):
	☑ Organic Chemicals	☐ Inorganic Chemicals ☐ Municipal Wastes
	□ Pesticides/Herbicides/ □ Pesticides/ □ Pesticides/	des
	☐ Radionuclides	☐ Other:
		References: <u>Jones</u> , 2008
3.	in an on-sight lands course. Other small	aste disposal operations: Hospital wastes were disposed of fill which was buried during the construction of the golf operations took place on site (e.g. dry cleaners, auto sources remaining on site.
		References: Jones, 2008
4.	Source characterization	(Attach pages to show quantity and calculations):
	Source 1 name:	Source Type:
	Describe Source:	_
	Ground water migration	n containment:
	Surface water migration	on containment:
	Air migration (gas and	d migration) containment:
	Physical State of Wast ☐ Solid ☐ Liquid	ces:
	Constituent Quantity	of Hazardous Substances: (specify units).
	Wastestream Quantity (Containing Hazardous Substances: (specify units).
	Volume of Source (yd³)	:Area of Source (ft ²):
	Hazardous substances	associated with source 1:
		References:

Source 2 name: Source Type:
Describe Source:
Ground water migration containment:
Surface water migration containment:
Air migration (gas and migration) containment:
Physical State of Wastes: Solid Liquid Sludge/Slurry Gas Unknown
Constituent Quantity of Hazardous Substances: (specify units).
Wastestream Quantity Containing Hazardous Substances: (specify units).
Volume of Source (yd³):Area of Source (ft²):
Hazardous substances associated with source 1:
References:
Source 3 name: Source Type:
Describe Source:
Ground water migration containment:
Surface water migration containment:
Air migration (gas and migration) containment:
Physical State of Wastes: Solid Liquid Sludge/Slurry Gas Unknown
Constituent Quantity of Hazardous Substances: (specify units).
Wastestream Quantity Containing Hazardous Substances: (specify units).
Volume of Source (yd³):Area of Source (ft²):
Hazardous substances associated with source 1:
References:
5. Description of removal or remedial activities: If Removal has occurred, identify the removal authority and describe the activities. Specify the date(s) of the removal.
none
References: Jones, 2008

GROUND WATER INFORMATION

1.	Ground water drinking water use within 4 miles of site sources:
	☐ Municipal ☐ Private ☒ Both ☐ No Drinking Water Use
	References: Jones, 2008
2.	Is ground water contaminated?
	☐ Yes ☑ No ☐ Uncertain but likely ☐ Uncertain but not likely
	☐ Additional sampling required
	Is analytical evidence available? 🛛 Yes 🗌 No
	References: <u>Jones, 2008</u>
з.	Is ground water contamination attributable to the site?
	☐ Yes ☑ No ☐ Additional sampling required
	References:
4.	Are drinking water wells contaminated?
	☐ Yes ☑ No ☐ Uncertain but likely ☐ Uncertain but not likely
	☐ Additional sampling required
	Is analytical evidence available? 🛛 Yes 🔲 No
	References: <u>Jones</u> , 2008
5.	Net precipitation (HRS Section 3.1.2.2): 19 inches.
6.	County average number of persons per residence: people.
	References:
7.	Discuss general stratigraphy underlying the site. Attach sketch of stratigraphic column.
	Lake bottom sediments and alluvial sediments
	Reference: Jones, 2008

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8. Using Table GW-1, summarize geology underlying the site (starting with formation #1 closest to ground surface). Indicate if formation is interconnected with overlying formation.

TABLE GW-1: SITE GEOLOGY

NAME OF FORMATION	INTERCONNECT (YES/NO)	TYPE OF MATERIAL	AVERAGE THICKNESS (FEET)	HYDRAULIC CONDUCTIVITY (cm/sec)	USED FOR DRINKING WATER?	
Alluvium	Yes	Silt/Sand Gravel	260 +	0.094 to 6.604	yes	

Alluvium Yes			Silt/Sand Gravel	260 +	0.094 t 6.604	.0	yes
	<u> </u>						
 -				References:		_	
9. Does a ka	rst aqui	fer und	erlie any site	source?	<u> </u>		
☐ Yes	X No			References: Jo	nes, 200	8	
10. Depth to	top of a	quifer:	<u>0</u> feet E	levation: 4400	feet		
				References: Mu	rdock, 2	006	
located v calculation	within 4 on sheet	miles s. Key	r the number of of the site aquifer to fo	• For each prmations liste	aquifer ed in Tab	, atta ole GW-	ich population 1.
DISTANCE OF WELL(S) FROM SITE SOURCES		AQUIFE	R A: INCLUDES		CLUDES .	AQUIFE	R C: INCLUDES
¼-mile or le	ess		2016				
>1/4 to 1/2 mile	9		2282				
>½ to 1 mile	e		4106				
>1 to 2 mile	es		8881				
>2 to 3 mile	es		2899				
>3 to 4 mile	es .		708				
				References: Mu	rdock, 2	006	
12. Is ground	water f	rom mul	tiple wells bl	ended prior to	distrib	ution?	
⊠ Yes [] No			References: <u>Mu</u>	rdock, 2	006	
13. Is ground	water b	lended	with surface w	ater?			
X Yes [] No			References: Mu	rdock, 2	006	
l4. Distance	from an	v incom	pletely conta	ined source a	vailable	to gr	ound water t

nearest drinking water well (HRS Section 3.3.1):

		feet Reference	es:
15.	Brief site:	efly describe standby drinking water wells	within 4 miles of sources at the
		— Reference	es:
16.	Groun	and water resources within 4 miles of site	sources (HRS Section 3.3.3):
	\boxtimes	Irrigation (5-acre minimum) of commercial	food or commercial forage crops.
	\boxtimes	Commercial livestock watering.	
		Ingredient in commercial food preparation	
		Supply for commercial aquaculture.	
	\boxtimes	Supply for major or designated water rewater use.	creation area, excluding drinking
		Water usable for drinking water but no omiles.	drinking water wells are within 4
		None of the above.	
		Reference	es: Murdock, 2006
17.	Well 3.3.4	lhead protection area (WHPA) within 4 mil. 4):	les of site sources (HRS Section
		Source with non-zero containment factor va	lue lies within or above the WHPA.
		Observed ground water contamination attawithin the WHPA.	ributable to site source(s) lies
	\boxtimes	WHPA lies within 4 miles of site sources.	
		None	
		Reference	es: Murdock, 2006
Add	itiona	nal ground water pathway description:	
		Reference	es:

SURFACE WATER INFORMATION

COMPLETE A COPY OF THIS SECTION OF THE DATA SUMMARY FOR EACH WATERSHED

1. Describe the surface water migration path from site sources to at least 15 miles

downstream. Attach a sketch of the surface water migration route.

Runoff to Box Elder Creek and then to Willard bay References: Murdock, 2006 2. Is Surface Water Contaminated? ☐ Uncertain but likely ☐ Uncertain but not likely ☐ Yes No No ☐ Additional sampling is required Is analytical evidence available? X Yes References: Jones, 2008 3. Is surface water contamination attributable to the site? ☐ Yes 🛛 No ☐ Additional sampling required References: Jones, 2008 4. Floodplain category in which site sources are located (check all that apply): ☐ 1-year ☐ 10-year ☐ 100-year ☐ 500-year ☒ None

	References: Jones, 2008
5.	Describe flood containment for each source (HRS Section 4.1.2.1.2.2):
	Source #1 Flood Containment
	Source #2 Flood Containment
	References:
5.	Shortest overland distance to surface water from any source (HRS Section 4.1.2.1.2.1.3):
	feet References:
7.	Size of drainage area (HRS Section 4.4.3):
	170 acres References: Murdock, 2006
в.	Describe the predominant soil group within the drainage area (HRS Section $4.1.2.1.2.1.2$):
	
	References:

9. 2-year 24-hour Rainfall (HRS Section 4.1.2.1.2.1.2): inches

				Reference:		
10. Ele		the bottom	of nearest s	urface water	body: <u>4400</u> feet a	bove sea
101				References	: <u>Jones, 2008</u>	
11. Ele	vation of	top of uppe	ermost aquife	r: <u>4400</u> feet	above sea level	
				References	: <u>Jones, 2008</u>	
		type of wate drinking wat		en probable	point of entry to	surface water
	River [] Lake		References	:	
	entify all miles down		ter intakes,	fisheries, a	and sensitive enviro	onments within
TARGET NAME/T		ATER BODY	DISTANCE FROM PPE	FLOW (CFS)	TARGET CHARACTERISTICS	TARGET SAMPLED?
Box E	lder s	stream		6	fishery - trout	no
If ta organ	rget is a isms (pour	fishery, p	rovide specie :). If target	s and annual	mber of people serv production of hum nd, specify wetland	an food chair
				References	: Murdock, 2006	
14. Is	surface w	ater drinkin	ng water blend	ded prior to	distribution?	
	Yes 🔲 N	Io		References	:	
15. Des	cribe any	standby dri	nking water i	ntakes with	in 15 miles downstr	eam:
<u>No</u>	drinking	water intak	ces down strea	am of site		
				References	: <u>Murdock, 2008</u>	
16. Sur	face wate	r resources	within 15 mi	les downstre	am (HRS Section 4.3	1.2.3.3):
\boxtimes	Irrigatio	on (5 acres	minimum) of o	commercial f	ood or commercial f	orage crops
	Commercia	al livestock	watering			
	Ingredie	nt in commer	cial food pre	eparation		
	Major or	designated	water recreat	cion area, e	xcluding drinking w	vater use
M	Water des	signated by	the state for	drinking wa	ter use but is not (currently used

Water usable for drinking water but no drinking water intakes within 15 downstream	miles
None of the above	
References: Murdock, 2006	

SOIL EVALUATION

1.	Is	surficial or soil contamination pre	sent at the site?
		Yes 🛛 No 🗌 Uncertain but like	ly 🗌 Uncertain but not likely
		Additional sampling is required	
	Is	analytical evidence available? 🛛 Y	es 🗌 No
			References: <u>Jones, 2008</u>
2.	Is	surficial or soil contamination att	ributable to the site?
		Yes 🛛 No 🗌 Additional Sampling	Required
3.		surficial contamination on the prophool, daycare center, or workplace?	perty and within 200 feet of a residence,
		Yes 🛛 No 🗌 Uncertain but like	Ly Uncertain but not likely
		Additional sampling is required	
	Is	analytical evidence available? 🛛 Y	es 🗌 No
			References: <u>Jones, 2008</u>
4.	Tot	tal area of surficial contamination	(HRS Section 5.2.1.2):
	<u>0</u> s	square feet	References: <u>Jones, 2008</u>
5.		tractiveness/accessibility of the ar 2.1.1). Check all that apply:	eas of observed contamination (HRS Section
		Designated recreational area	
		Used regularly, or accessible and	unique recreational area
		Moderately accessible with some us	e
		Slightly accessible with some use	
		Accessible with no use	
		Inaccessible with some use	
		Inaccessible with no use	References:

6. Population within 1-mile travel distance from site.

DISTANCE FROM SITE SOURCES	POPULATION
¼ mile or less	2016
¼ to ½ mile	2282
½ to 1 mile	4106

References: Murdock, 2006

AIR INFORMATION

1.	Is air contamination present at the site?				
	☐ Yes ☐ No ☐ Uncertain but likely ☒ Uncertain but not likely				
	□ Additional sampling is required				
	Is analytical evidence available? 🗌 Yes 🛛 No				
	References: Jones, 2008				
2.	Is air contamination attributable to the site?				
	☐ Yes ☐ No ☒ Additional sampling required				
3.	Are populations, sensitive environments, or wetlands exposed to airborne hazardous substances released from the site?				
	\square Yes \square No \square Uncertain but likely \boxtimes Uncertain but not likely				
	☐ Additional sampling is required				
	Is analytical evidence available? 🗌 Yes 🛛 No				
	References: Jones, 2008				
4.	Evidence of biogas release from any of the following source types at the site:				
	☐ Below-ground containers or tanks ☐ Landfill				
	☐ Buried surface impoundment				
	References:				
5.	Particulate migration potential factor value: 17 (HRS Figure 6-2)				
6.	Particulate mobility factor value: <u>.002</u> (HRS Figure 6-3)				
7.	Distance from any incompletely contained source to nearest residence or regularly occupied area:				
	<u>0</u> miles References: <u>Jones, 2008</u>				

8. Population within 4 miles of site sources.

DISTANCE FROM SITE SOURCES	POPULATION
0 (within sources)	0
% mile or less	2016
>% to 2 mile	2282
>½ to 1 mile	. 4106
>1 to 2 miles	8881
>2 to 3 miles	2899

>3 to	4 miles	708	
			_

References: Murdock, 2006

€.	Resources within 2 mile of site sources	s (HRS Secti	on 6.3.3)	:
	☐ Commercial agriculture			
	☐ Commercial silviculture			
	☐ Major or designated recreation area		•	
	None of the above			
		References:	Murdock,	2006

10. Sensitive environments and wetlands within 4 miles of the site:

NAME/DESCRIPTION/ LOCATION OF SENSITIVE ENVIRONMENT OR WETLAND	DISTANCE FROM SITE (MILES)	TYPE OF SENSITIVE ENVIRONMENT	WETLAND SIZE (ACRES)	
Bear River Migratory Bird refuge	3	Wetland	74,000	

References: Murdock, 2006

LIST OF REFERENCES

- Jones, Alan V. Jones; 2008; Site Inspection Analytical Results Report, Bushnell General Hospital, CERCLIS ID# UTN000802148; Utah Department of Environmental Quality, Division of Environmental Response and Remediation; Salt Lake City, Utah.
- Murdock, Jason; 2006; Preliminary Assessment/Site Inspection Work Plan (Swift) Phase I, Bushnell General Hospital, CERCLIS ID# UTN000802148; Utah Department of Environmental Quality, Division of Environmental Response and Remediation; Salt Lake City, Utah; February 9.

Appendix B

Grants of Access to Property

CONSENT FOR ACCESS TO PROPERTY

Name of Owner: (or Representative)	Brigham City Corporation		
Address of Owner:	20 North Main P.O. Box 1005 Brigham City UT 84302	Address of Property: (if different)	Eagle Mountain Golf Course 960 East 700 South Brigham City UT 84302

I, the owner of the property described above, or its authorized representative, consent to the employees of the U.S. Environmental Protection Agency (EPA) and its contractors, and of the Utah Department of Environmental Quality (UDEQ) and its contractors having access to the property on Eagle Mountain Golf Course for the following purposes:

- the drilling and installation of a monitoring well(s) with a drill rig;
- the collection of soil and groundwater samples from this well(s);
- the maintenance and further sampling of the well(s).

The expected timeframe for access to the well(s) is for the duration of the investigation.

I understand that these actions by UDEQ are undertaken pursuant to its responsibilities under the Utah Environmental Quality Code, Sections 19-1-101 *et seq.* and 19-6-301 *et seq.*, and the U.S. Comprehensive Environmental Response, Compensation, and Liability Act (Superfund), 42 U.S.C. s. 9601, *et seq.*

This written permission is given by me voluntarily with knowledge of my right to refuse.

Signature and Date

Print Name

Please sign and return via mail or fax to:

J. D. Keetley

Utah Department of Environmental Quality P.O. Box 144840, SLC, UT 84114-4840

801-536-4130 / fax: 801-536-4242

Email: jkeetley@utah.gov

Access_Agr_wells_(revisedvlly)[1] CONSENT FOR ACCESS TO PROPERTY
(Eagle Village Realty)
Name of Owner: (or Representative) Matt Petersen
Address of owner: Eagle Village Address of Property: Brigham City (if different)
I, the owner of the property described above, or its authorized representative, consent to the employees of the U.S. Environmental Protection Agency (EPA) and its contractors, and of the Utah Department of Environmental Quality (UDEQ) and its contractors having access to these properties in Brigham City: Parcel nos. - 03-146-0077, - 03-146-0098, - 03-146-0098.
For the following purposes: the drilling and installation of three monitoring wells with a drill rig;
 the collection of soil and groundwater samples from these wells;
 the maintenance and further sampling of these wells.
The expected timeframe for access to these wells is for the duration of the investigation.
I understand that these actions by UDEQ are undertaken pursuant to its responsibilities under the Utah Environmental Quality Code, Sections 19-1-101 et seq. and 19-6-301 et seq., and the U.S. Comprehensive Environmental Response, Compensation, and Liability Act (Superfund), 42 U.S.C. 5. 9601, et seq.
This written permission is given by me voluntarily with knowledge of my right to refuse. $($
2/28/07 WAIT PECTERSEAL
Signature and Date Print Name
Please sign and return via mail or fax to:
J. D. Keetley Utah Department of Environmental Quality P.O. Box 144840, SLC, UT 84114-4840 Phone 801-536-4130 / fax: 801-536-4242 Email: jkeetley@utah.gov

GRANT OF ACCESS TO PROPERTY

<u>TWB Enterprises PTRSHP</u>, is the owner ("Owner") of record, title holder or authorized agent for the record owner of certain real property (parcel # 03-146-0095 and 03-146-0096) ("Property") located in Brigham City, Utah.

The Owner hereby grants to the officers, employees, authorized representatives, and consultants of the Utah Division of Environmental Response and Remediation ("DERR") access, including ingress and egress, to the Property for the following purposes:

- 1. The collecting of soil and soil-gas;
- 2. The taking of photographs of the sample location; and
- 3. Any other such actions related to the taking of the above samples.

The tasks described above may be altered if conditions change or if the DERR obtains additional information requiring further investigation. The DERR will notify the Owner in writing of any new planned tasks. The DERR shall notify the Owner at least 48 hours in advance of commencing work.

I have been informed and understand that these actions by the DERR are being performed under the authorities provided in the Utah Environmental Quality Code of Utah Code, Sections 19-1-101 et seq., and the Comprehensive Environmental Response, Compensation, and Liabilities Act (CERCLA), 42 U.S.C.A. 9601.

By granting access to the DERR, I make no admission of liability or responsibility for any contamination, which may be found on the property. This grant of access is provided voluntarily with knowledge of my right to refuse access. I further acknowledge that no promises, representations or claims of any kind, either written or oral have been made by the DERR to induce my consent.

- [] I wish to obtain splits of all samples collected on the Property and a receipt describing each sample taken. I understand that I must provide the necessary sample containers to obtain these splits. The responsibility of choosing an analytical laboratory and the cost of analysis of the splits is solely mine.
- [] I waive my right to obtain split samples.
- I wish to obtain a copy of the analytical results report.

(Signature)

PANNER

(Title)

(Printed Name)

25 Oct 2005.

(Date)

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Telephone # (435) 723 - 8674

DEQ
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GRANT OF ACCESS TO PROPERTY

Members First Credit Union, is the owner ("Owner") of record, title holder or authorized agent for the record owner of certain real property (parcel # 03-146-0180) ("Property") located in Brigham City, Utah.

The Owner hereby grants to the officers, employees, authorized representatives, and consultants of the Utah Division of Environmental Response and Remediation ("DERR") access, including ingress and egress, to the Property for the following purposes:

- 1. The collecting of soil, soil-gas, and groundwater samples;
- 2. The taking of photographs of the sample location; and

DEQ Environmental Response Environmental

SEP 1 2 2005

3. Any other such actions related to the taking of the above samples.

The tasks described above may be altered if conditions change or if the DERR obtains additional information requiring further investigation. The DERR will notify the Owner in writing of any new planned tasks. The DERR shall notify the Owner at least 48 hours in advance of commencing work.

I have been informed and understand that these actions by the DERR are being performed under the authorities provided in the Utah Environmental Quality Code of Utah Code, Sections 19-1-101 et seq., and the Comprehensive Environmental Response, Compensation, and Liabilities Act (CERCLA), 42 U.S.C.A. 9601.

By granting access to the DERR, I make no admission of liability or responsibility for any contamination, which may be found on the property. This grant of access is provided voluntarily with knowledge of my right to refuse access. I further acknowledge that no promises, representations or claims of any kind, either written or oral have been made by the DERR to induce my consent.

[] I wish to obtain splits of all samples collected on the Property and a receipt describing each sample taken. I understand that I must provide the necessary sample containers to obtain these splits. The responsibility of choosing an analytical laboratory and the cost of analysis of the splits is solely mine.

I waive my right to obtain split samples.

I wish to obtain a copy of the analytical results report.

(Title)

(Date)

Telephone #435 723 523/

ignature)

(Printed Name)

GRANT OF ACCESS TO PROPERTY

Steven-J-Hansen, is the owner ("Owner") of record, title holder or authorized agent for the record owner of certain real property (parcel # 03-146-0101) ("Property") located in Brigham City, Utah.

The Owner hereby grants to the officers, employees, authorized representatives, and consultants of the Utah Division of Environmental Response and Remediation ("DERR") access, including ingress and egress, to the Property for the following purposes:

1. The collecting of soil and soil-gas samples;

2.

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DEQ Environmental Response & Remediation

3. Any other such actions related to the taking of the above samples.

The taking of photographs of the sample location; and

The tasks described above may be altered if conditions change or if the DERR obtains additional information requiring further investigation. The DERR will notify the Owner in writing of any new planned tasks. The DERR shall notify the Owner at least 48 hours in advance of commencing work.

I have been informed and understand that these actions by the DERR are being performed under the authorities provided in the Utah Environmental Quality Code of Utah Code, Sections 19-1-101 et seq., and the Comprehensive Environmental Response, Compensation, and Liabilities Act (CERCLA), 42 U.S.C.A. 9601.

By granting access to the DERR, I make no admission of liability or responsibility for any contamination, which may be found on the property. This grant of access is provided voluntarily with knowledge of my right to refuse access. I further acknowledge that no promises, representations or claims of any kind, either written or oral have been made by the DERR to induce my consent.

- [] I wish to obtain splits of all samples collected on the Property and a receipt describing each sample taken. I understand that I must provide the necessary sample containers to obtain these splits. The responsibility of choosing an analytical laboratory and the cost of analysis of the splits is solely mine.
- [] I waive my right to obtain split samples.

I wish to obtain a copy of the analytical results report.

(Signature)

.

(Printed Name)

(Title)

(Date)

Telephone # (425) 723 814/

Appendix C

URS Trip Report for Well Installation

URS OPERATING SERVICES

1099 18TH STREET SUITE 710 DENVER, COLORADO 80202-1908 TEL: (303) 291-8200

FAX: (303) 291-8296

November 14, 2007

Jerry Cross
Project Manager
U.S. Environmental Protection Agency, Region 8
Mail Code: 8EPR-F
1595 Wynkoop Street
Denver, Colorado 80202-1129

SUBJECT: START 3, EPA Region 8, Contract No. EP-W-05-050, TDD No. 0608-04

Trip Report, Former Bushnell General Hospital, Brigham City, Box Elder County,

Utah

Dear Mr. Cross:

Attached is one copy of the trip report documenting the installation, development, and sampling support of six groundwater wells conducted at the Former Bushnell General Hospital in Brigham City, Box Elder County, Utah. Field activities included groundwater monitoring well installation, development, and sampling support and were conducted in April and May of 2007.

If you have any questions, please call me at 303-291-8270.

Very truly yours,

URS OPERATING SERVICES, INC.

Barry Hayhurst Project Manager

cc: Charles W. Baker/UOS (w/o attachment)

File/UOS

EPA ACTION BLOCK				
Approved Approved, TDD to follow Approved as corrected Disapproved Review with Original to				
Copy to Reply envelope enclosed				
Date By				

Former Bushnell General Hospital - Trip Report Revision: 0

Date: 11/2007

Page 1 of 6

TRIP REPORT FORMER BUSHNELL GENERAL HOSPITAL Brigham City, Box Elder County, Utah

1.0 **INTRODUCTION**

URS Operating Services, Inc. (UOS), was tasked by the Environmental Protection Agency (EPA), under

the Superfund Technical Assessment and Response Team 3 (START 3) contract # EP-W-05-050

Technical Direction Document (TDD) No. 0608-04, to provide technical support to the Region 8 Project

Manager of the former Bushnell General Hospital in conjunction with an ongoing Comprehensive

Environmental Response, Compensation, and Liability Act (CERCLA) Removal action. Field activities

followed the applicable UOS Technical Standard Operating Procedures (TSOPs) and the generic Quality

Assurance Project Plan (URS Operating Services, Inc. (UOS) 2005a; UOS 2005b).

The former Bushnell General Hospital site is located on the southeast side of the community of Brigham

City, Box Elder County, Utah (Figure 1). The site covers approximately 298.5 acres and is located in a

mixed residential and commercial use area of the community. An Army hospital was constructed on the

site during World War II and primarily served causalities from the Pacific theater. The Bushnell General

Hospital was decommissioned after the war in 1946. Between 1950 and 1984 the property was used by

the Intermountain Indian School. Since 1984 parts of the property have been developed for both

residential and commercial uses that include a golf course, elementary school, a community park, single

family homes, condominiums, apartments, and strip malls.

The site is located immediately west of the north-south trending Wasatch Fault Zone in alluvial and

colluvial deposits in the Salt Lake Basin derived from the Wasatch Mountains immediately east of the

site.

The subsurface material at the site consists of alternating layers of cobbles, gravels, sands, silts, and clays

that vary greatly in thickness and sorting both within the stratigraphic column and aerially across the site.

Depth to groundwater also varies greatly across the site with the depth to groundwater at the most easterly

(upgradient) well being 185 feet below ground surface (bgs) and the shallowest groundwater encountered

in the central area of the site found at 14.5 feet bgs. START also used a field reading MultiRae® meter to

monitor for the lower explosive limit (LEL), hydrogen sulfide (H₂S), oxygen (O₂), and carbon monoxide

(CO) a photo ionization detector (PID) to monitor organic vapors; and a Ludlum® Model 12 field reading

radiation meter to monitor for potential radiation hazards.

Former Bushnell General Hospital – Trip Report Revision: 0 Date: 11/2007

URS Operating Services, Inc. START 3, EPA Region 8 Contract No. EP-W-05-050

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START also obtained the necessary permits from the Utah Division of Water Rights to install

groundwater monitoring wells at the site.

The primary site activities of groundwater monitoring well installation, development, and sampling

support related to this TDD were conducted in April and May, 2007. Two site visits were also conducted

in September and November of 2006 to select locations for the groundwater monitoring wells and provide

technical support to the State of Utah Department of Environmental Quality (UDEQ) in their efforts to

gain site access. Utility locates were conducted by the local utility locate service on April 20, 2007, prior

to commencement of drilling activities.

2.0 <u>SITE ACTIVITIES</u>

START member Barry Hayhurst, the staff geologist, was responsible for the procurement of the driller,

drilling activities, logging, monitoring well installation, and groundwater well development. START

members John West and Kristie Clutts provided support to the UDEQ sampling effort by operating the

low flow bladder pumps used to collect the groundwater samples. Site photos are provided in Appendix

A, Soil Boring Logs and Monitoring Well Construction Diagrams are provided in Appendix B, and

Monitoring Well Sampling Data Sheets are provided in Appendix C.

The initial utility locates were conducted on Friday April 20, 2007, using the services of Blue Stakes of

Utah Utility Notification Center, Inc. B. Hayhurst of START met with the utility locators at the site to

guarantee that they understood without any confusion where every borehole would be located.

UOS had originally subcontracted with ProSonic for a sonic drill rig because of concerns about the high

probability that the subsurface at the site would contain large cobble- to boulder-sized material because of

the close proximity of the mountains. Prior to the initiation of drilling activities in April 2007 ProSonic

was acquired by Boart Longyear Environmental Drilling (Boart Longyear). Boart Longyear assumed the

contract and mobilized one of their sonic drill rigs, a Ray Rouse GP24-300RS, to the site on Monday,

April 23, 2007 (Photo 2). The Boart Longyear driller for this project was Santiago Moran.

The first groundwater monitoring well drilled was at the background location on the Eagle Mountain Golf

Course (Figure 2) (Photo 2). This location was designated to be the upgradient-background well location

and was completed to a depth of 230 feet bgs. A groundwater aquifer was found at 206 feet bgs. The

groundwater level in the completed well assumed, under artesian pressure, a depth of 185 feet bgs. The

TDD No. 0608-04

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Former Bushnell General Hospital - Trip Report Revision: 0 Date: 11/2007

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URS Operating Services, Inc. START 3, EPA Region 8

Contract No. EP-W-05-050

lithologic material that the background well (MW00) was drilled through consisted largely of alternating

layers of colluvial materials of angular rocks (largely limestone) and soil (a poorly sorted mixture of

rounded cobbles with silty material) that had probably slid down the basin side. The more angular and

unsorted material was intermixed with thinner layers of finer-grained and better sorted muds and silts that

were probably deposited by the lower energy environment of Lake Bonneville. This repeating sequence

gave the appearance of a basin flysch facies.

The five downgradient groundwater monitoring wells were constructed along the southern and western

edges of the site roughly following the surface water drainage from the eastern mountainous part of the

site to the western basin part of the site (Figure 2). The total depth of the five downgradient groundwater

monitoring wells ranged from 20 to 50 feet bgs and groundwater depths ranged from 15 to 30 feet bgs.

The material that was drilled in the 5 downgradient groundwater monitoring wells was finer grained and

better sorted than that drilled in the background well with a higher concentration of silty and clayey

material observed and a corresponding decrease in maximum clast size to a pebble-sized material.

All wells were installed with a two-inch inner diameter (ID) ten-foot stainless steel screen and completed

to the surface with two-inch ID schedule 80 PVC. The sand pack was constructed using 10/20 Colorado

Silica Sand. A two-foot bentonite seal was installed on top of the sand pack and then a lean

cement/bentonite grout (approximately five percent bentonite) was used to seal the borehole to within two

feet of the ground surface. Cement was used to construct a twelve-inch-thick three-foot by three-foot pad

with a steel stickup. Three bumper posts were installed around the pad and stick-up to protect the

groundwater monitoring well.

The six groundwater monitoring wells were developed using bailers in a surge and bail technique.

Development was successful and all wells were able to be sampled.

START provided a low-flow bladder pump to purge the six groundwater monitoring wells so that the

UDEQ could sample the wells.

TDD No. 0608-04

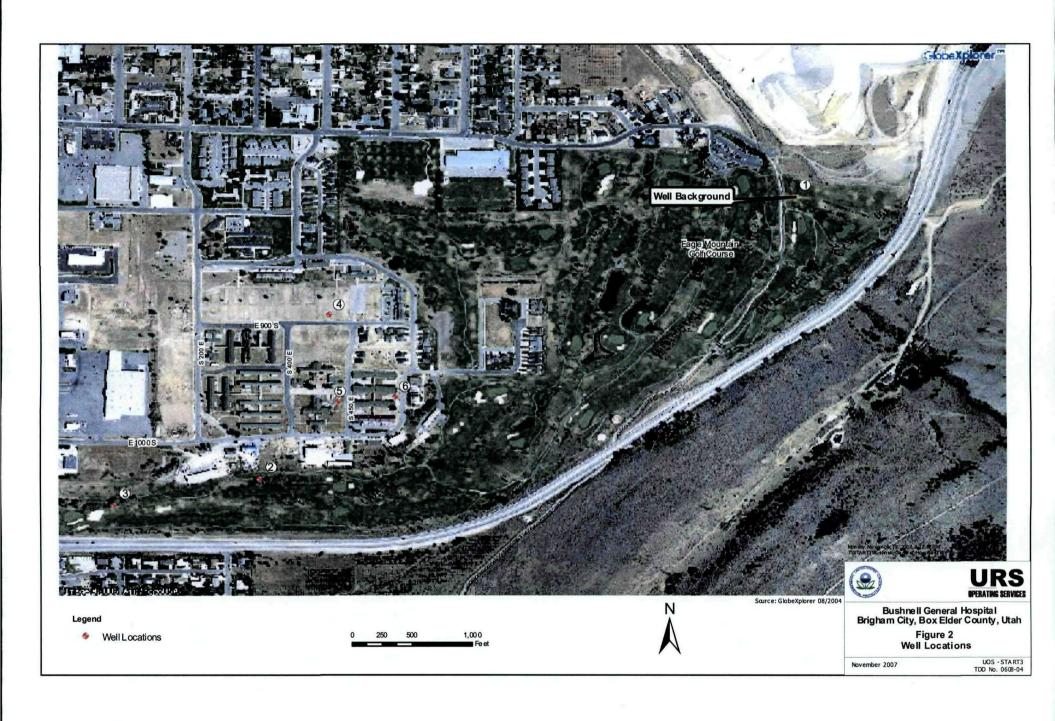
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TABLE 1 **Summary of Groundwater Monitoring Well Data**

Monitoring Well	Depth of Borehole (feet)	Screened Interval (feet)	Depth to Water (feet)	Water Column (feet)	pH at sampling	Total Dissolved Solids (TDS) at sampling	Temp at sampling ° F
MW00	230	197.5 – 207.5	184.6	22.9	7.4	350	54.5
MW01	35	21.7 – 31.7	20.8	10.9	7.3	380	55.5
MW02	40	21 - 30	20.0	10.0	7.0	400	53.8
MW03	35	12 - 22	14.4	7.6	7.4	400	52.6
MW04	36	15 - 25	22.3	2.7	7.1	880	52.2
MW05	60	40 - 50	30.6	19.4	7.0	400	54.6



Appendix D

Field Activities Report

BUSHNELL GENERAL HOSPITAL FIELD ACTIVITIES REPORT CERCLIS # UTN000802148 April 23 – May 5, 2007

Note: Soil samples were designated based on the depth of collection:

- If the designation is BGH-SF(0.5)-XX, it was collected from 0 to 6 inches below ground surface (bgs).
- If the designation is BGH-SB(2)-XX, it was collected from 6 to 24 inches bgs.
- If the designation is BGH-SS-(##)-XX, it was collected from ## feet bgs.
- If the designation is BGH-OT-XX, it was a grab sample from the surface for asbestos analysis.

All organic and inorganic samples (all samples excluding asbestos samples) were hand delivered to DataChem Laboratories in Salt Lake City. Asbestos samples were hand delivered to Dixon Information in Salt Lake City.

All sample locations were surveyed using GPS and are shown on the Figures in the Site Inspection Analytical Results Report. All sample locations were also photographed and are shown in the "Log of Photographs".

Monday, April 23, 2007

Weather: Had rained over night, clearing but partly overcast throughout the day. Temperature in the mid-40°F. Began to rain at about 14:30.

Personnel: Alan V. Jones UDEQ/DERR

Jerry Cross EPA Barry Hayhurst URS

Denny & Santiago (+ 3 helpers) Boart Longyear

By 08:10, all personnel were on-site and the drillers began setting up to drill the first well (MW-1) on the golf course.

10:40 soil sample **BGH-SF(0.5)-50** was collected using the "Geoprobe" slam bar near where the drill rig was set up for well MW-1.

11:10 soil sample **BGH-SB(2)-50** was collected using the "Geoprobe" slam bar in the same hole as the previous sample.

Drilling was on hold because gas company will not give clearance. Drilling finally began just before noon.

- 12:16 soil sample BGH-SS(20)-50 was collected from borehole core for well MW-1 at 20' depth.
- Jerry Cross remained at the site the entire time that drilling was taking place. Alan Jones was on site, for the most part, while sampling was taking place and would leave site to secure sampling materials and to deliver samples to the laboratory.

Tuesday, April 24, 2007

- Alan Jones did not come to the site on this day. Drilling proceeded to a depth of 190' bgs until and air line broke on the drill rig. This stopped the drilling until the line could be repaired.
- 19:30 soil sample **BGH-SS-(162)-50** was collected from borehole core (by Jerry Cross) for well MW-1 at 162' depth.

Wednesday, April 25, 2007

Alan Jones arrived on the site at 13:00. Samples collected on Monday, April 23, were delivered to the laboratory this morning.

Weather: Clear, calm, mid-60°F

- 9:00 Trip Blank BGH-GW-10 prepared at the UDEQ/DERR office in Salt Lake City.
- 14:20 soil samples BGH-SF(0.5)-73 and BGH-SB(2)-73 were collected using the "Geoprobe" slam bar in a sink hole just south of the maintenance shed near the 12th tee.
- 14:55 surface-water sample **BGH-SW-20** was collected from the Ogden-Brigham Canal on the south end of the golf course where it goes underground.
- 15:40 soil samples BGH-SF(0.5)-75 and BGH-SB(2)-75 were collected using the "Geoprobe" slam bar north of the 12th fairway.
- 16:05 soil samples **BGH-SF(0.5)-74** and **BGH-SB(2)-74** were collected using the "Geoprobe" slam bar along the southern fence of the golf course east of the 12th tee box.
- 16:25 soil samples BGH-SF(0.5)-56 and BGH-SB(2)-56 were collected using the "Geoprobe" slam bar as field duplicated of soil samples BGH-SF(0.5)-75 and BGH-SB(2)-75, respectively.
- 17:40 surface-water sample **BGH-SW-21** was collected from small pond in the southeast portion of golf course.

- 18:00 soil samples BGH-SF(0.5)-60 and BGH-SB(2)-60 were collected using the "Geoprobe" slam bar from the southwest corner of the golf course (northeast corner of intersection of Highway 89/91 and Main Street, but inside the golf course fence).
- 18:25 surface-water sample **BGH-SW-22** was collected from the northernmost pond of the 2 ponds along 500 West (the ponds are on the golf course).

Drill rig is broken down. Left site at 19:45.

Thursday, April 26, 2007

- Alan Jones did not come to the site on this day. Samples collected on Tuesday, April 24, and Wednesday, April 25, were delivered to the laboratory this morning.
- Drilling proceeded to a depth of 230' bgs. Wet zone was encountered at 206' bgs so well was completed at 230' bgs.
- 17:05 soil sample **BGH-SS-(206)-50** was collected from borehole core (by Jerry Cross) for well MW-1 at 206' depth.

Friday, April 27, 2007

Alan Jones arrived on the site at 09:00.

Weather: Clear, calm, low-70°F

- 10:20 soil samples BGH-SF(0.5)-61 and BGH-SB(2)-61 were collected using the "Geoprobe" slam bar from park strip on south of former K-Mart.
- 10:50 soil samples BGH-SF(0.5)-62 and BGH-SB(2)-62 were collected using the "Geoprobe" slam bar from the south side of the road east of the credit union.
- 12:00 soil samples BGH-SF(0.5)-63 and BGH-SB(2)-63 were collected using the "Geoprobe" slam barfrom the east end of the building at 933 South 200 East (northeast of intersection of 950 South and 200 S).
- 12:25 soil samples **BGH-SF(0.5)-64** and **BGH-SB(2)-64** were collected using the "Geoprobe" slam bar from the northeast corner of the intersection of 200 South and 900 East.
- 13:10 soil samples **BGH-SF(0.5)-66** and **BGH-SB(2)-66** were collected using the "Geoprobe" slam bar from the southwest corner of the storage units (building 46).

- Alan Jones left site at 14:00 to allow time for samples to be processed for laboratory delivery. All samples collected to thids point were delivered to the laboratory this evening.
- 18:10 soil samples **BGH-SF(0.5)-52** and **BGH-SB(2)-52** were collected from borehole core (by Jerry Cross) for well MW-2 (at Wolford Auto).
- 18:40 soil samples **BGH-SS(20)-52** was collected from borehole core (by Jerry Cross) for well MW-2 at 20' depth.

Well MW-2 (at Wolford Auto) was completed at 35' bgs.

Saturday, April 28, 2007

- Alan Jones came to the site on this day just to deliver sample containers to Jerry Cross.

 Drilling was completed on well MW-2 (at Wolford Auto) to 35 feet bgs. Well

 MW-3 (at Credit Union) was also completed but casing was accidentally pulled so
 it was re-drilled. Additionally, pump and 150' of tubing were lost down MW-1
 while trying to develop the well. Eventually, tubing was retrieved but pump was
 left at the bottom of the well.
- 12:00 soil samples BGH-SF(0.5)-53 and BGH-SB(2)-53 were collected from borehole core (by Jerry Cross) for well MW-3 (at Credit Union).
- 12:15 soil sample **BGH-SS-(20)-53** was collected from borehole core (by Jerry Cross) for well MW-3 at 20' depth. The VOA portion of this sample was inadvertently not collected.

Well MW-3 was completed to 35' bgs.

Sunday, April 29, 2007

- Alan Jones did not come to the site on this day. Drilling began on well MW-4 at 900 South and 450 East.
- 16:25 soil samples BGH-SF(0.5)-54 and BGH-SB(2)-54 were collected from borehole core (by Jerry Cross) for well MW-4 (at 900 South and 450 East).
- 17:55 soil sample **BGH-SS-(17)-54** was collected from borehole core (by Jerry Cross) for well MW-4 at 17' depth. The VOA portion of this sample was inadvertently not collected.

Well MW-4 was completed to 17' bgs.

22:00 Trip Blank BGH-GW-11 prepared at the UDEQ/DERR office in Salt Lake City.

Monday, April 30, 2007

Alan Jones arrived on the site at 08:00.

Weather: Clear, calm, mid-70°F

- 08:50 soil samples BGH-SF(0.5)-68 and BGH-SB(2)-68 were collected using the "Geoprobe" slam bar from the east side of road in front of former dry cleaners just north of 1000 South and 500 East..
- 10:00 soil samples BGH-SF(0.5)-70 and BGH-SB(2)-70 were collected using the "Geoprobe" slam bar northe of the golf course maintenance shed.
- 10:40 soil samples BGH-SF(0.5)-51 and BGH-SB(2)-51 were collected from borehole core for well MW-5.
- 11:10 soil sample BGH-SS-(20)-51 was collected from borehole core for well MW-5 at 20' depth.
- 11:15 soil sample BGH-SS-(20)-51 was collected from borehole core for well MW-5 as a field duplicate of BGH-SS(20)-51.
- 12:10 soil sample BGH-SS-(22)-51 was collected from borehole core for well MW-5 at 22' depth.
- MW-5 was completed at about 22' bgs
- 12:55 soil samples BGH-SF(0.5)-72 and BGH-SB(2)-72 were collected using the "Geoprobe" slam bar from the stairs at the former carpenter's shop near 1000 South and 500 East.
- 13:30 soil samples BGH-SF(0.5)-69 and BGH-SB(2)-69 were collected using the "Geoprobe" slam bar from northwest corner of the old laundry building (southwest corner of intersection of 950 South and 500 East.
- 14:10 soil samples BGH-SF(0.5)-71 and BGH-SB(2)-71 were collected using the "Geoprobe" slam bar from dump area north of golf course maintenance shed.
- 14:40 soil samples BGH-SF(0.5)-65 and BGH-SB(2)-65 were collected by "burrowing" into the side walls of existing trenches at the east end of building 48 (the former gas station).

- 15:00 soil samples BGH-SF(0.5)-67 and BGH-SB(2)-67 were collected by "burrowing" into the side walls of existing trenches at the west end of building 48 (the former gas station).
- 15:40 surface-water sample **BGH-SW-24** was collected from pond adjacent to condo at 881 South 881 East. The laboratory indicated that they needed an additional triple volume sample for QA/QC during this week. This was it.
- 16:20 soil samples **BGH-SF(0.5)-55** and **BGH-SB(2)-55** were collected from borehole core for well MW-6.
- 16:45 soil sample **BGH-SS-(20)-55** was collected from borehole core for well MW-6 at 20' depth.
- 17:35 soil sample **BGH-SS-(35)-55** was collected from borehole core for well MW-6 at 35' depth.

MW-6 was completed at about 35' bgs

Tuesday, May 1, 2007

Alan Jones did not come to the site on this day.

- 08:36 Decontamination Blank **BGH-GW-27** prepared at the UDEQ/DERR office in Salt Lake City. The "Geoprobe" slam bar was cleaned (i.e. decontaminated) at the office and then deionized water was poured over the barrel and collected in sample containers.
- All samples collected since last laboratory delivery (samples collected on Friday, April 27, Saturday, April 28, Sunday, April 29, Monday, April 30, and Tuesday, May 1) were delivered to the laboratory.

Wednesday, May 2, 2007

All drilling is complete and all drilling personnel have left the site except for Denny, who is completing construction and developing wells.

Collected asbestos samples this day.

Weather: Breezy with light clouds, temperatures into mid-70°F.

09:10 asbestos sample **BGH-OT-30** collected from fence line north of driving range (background).

- 09:30 asbestos sample **BGH-OT-31** collected from south end of park at 500 East and 700 South.
- 09:50 asbestos sample **BGH-OT-32** collected from northwest corner of back patio of house at 803 South 400 East.
- 10:00 asbestos sample **BGH-OT-33** collected from flower bed near southeast corner of rest home on 850 South at about 300 East (Yellow Feather Drive).
- 10:15 asbestos sample **BGH-OT-34** collected from southeast side of building 81 (southeast corner of 200 East and 800 South).
- 10:30 asbestos sample **BGH-OT-35** collected from vacant lot on west side of 200 East at about 750 South.
- 10:50 asbestos sample **BGH-OT-36** collected from vacant lot on west side of 200 East at about 880 South.
- 11:10 asbestos sample **BGH-OT-37** collected as a composite from fill piles on west side of 200 East between 900 and 950 South.
- 11:25 asbestos sample **BGH-OT-38** collected as a composite from vacant lot on northwest corner of 200 East and 1000 South.
- 11:50 asbestos sample **BGH-OT-39** collected as a composite from lot between 400 and 450 East on south side of 900 South.
- 12:10 asbestos sample **BGH-OT-40** collected as a composite from vacant lot on south side of 925 south and midway between 450 and 500 East.
- 12:25 asbestos sample **BGH-OT-41** collected from vacant lot west of apartments on northwest corner of 900 South 500 East
- 12:45 asbestos sample **BGH-OT-42** collected as a composite from vacant lot north of 900 South between 400 and 450 East.
- 13:05 asbestos sample **BGH-OT-43** collected as a composite from vacant lot north of 900 South between 300 and 400 East.
- 13:30 asbestos sample **BGH-OT-44** collected as a composite from vacant lot across street from 16th tee box.
- 14:30 asbestos sample **BGH-OT-45** collected from northwest corner of 1000 South 400 East at the drip line of the building near the northwest corner of the building,

- 14:45 asbestos sample **BGH-OT-46** collected from building on the northwest corner of 100 South 400 East on the south side of the 4th wing.
- 15:00 asbestos sample **BGH-OT-47** collected from the southeast side of burned out building on north side of 950 south.

Thursday, May 3, 2007

Weather: cool overcast with rain in morning, 50°F.

URS had a crew on site that was pulling samples from the wells.

14:45 Trip Blanks **BGH-GW-12** and **BGH-GW-13** prepared at the UDEQ/DERR office in Salt Lake City. BGH-GW-12 will accompany samples collected today. BGH-GW-13 will remain with Jerry Cross on the site as he will likely collect additional ground-water samples prior to Alan Jones returning to the site.

16:10 ground-water sample BGH-GW-00 collected from MW-1.

Friday, May 4, 2007

Alan Jones did not go to the site this day.

Samples BGH-GW-00 and BGH-GW-12 were delivered to the laboratory.

All asbestos samples were delivered to Dixon Information.

- 11:25 ground-water sample **BGH-GW-03** collected (by Jerry Cross) from MW-3.
- 15:55 ground-water sample **BGH-GW-01** collected (by Jerry Cross) from MW-5.

Saturday, May 5, 2007

Weather: Overcast with a slight breeze from the north, 40°F.

- 09:30 ground-water sample BGH-GW-02 collected from MW-2.
- 11:10 decontamination blank **BGH-GW-08** collected from rinse water (deionized) from URS bladder pump.
- 11:45 field blank **BGH-GW-07** collected by placing deionized water in sample containers in field setting.

13:45 ground-water sample BGH-GW-04 collected from MW-4.

15:50 ground-water sample **BGH-GW-05** collected from MW-6.

16:05 ground-water sample **BGH-GW-06** collected as a duplicate of BGH-GW-05.

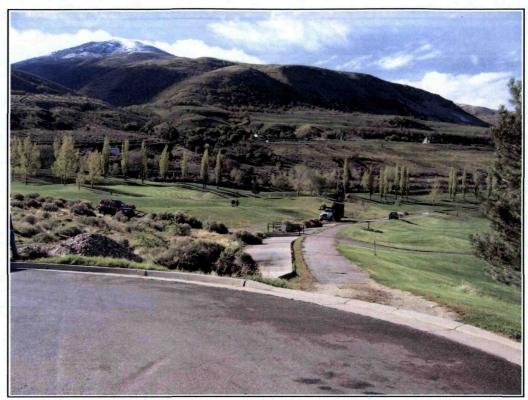
This concludes sampling.

Monday, May 7, 2007

Remaining (ground-water) samples delivered to laboratory.

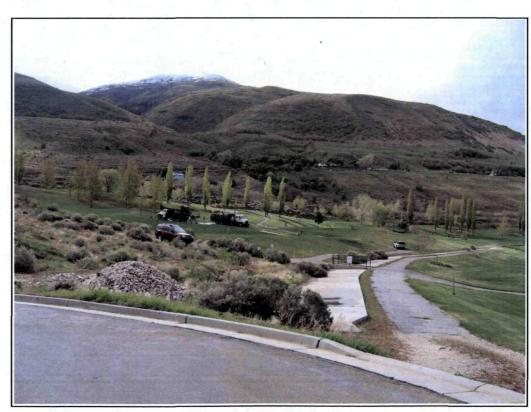
Appendix E

Log of Photographs



Bushnell General Hospital Drill rig on path on golf course.

April 23, 2007 View: Southeast



Bushnell General Hospital

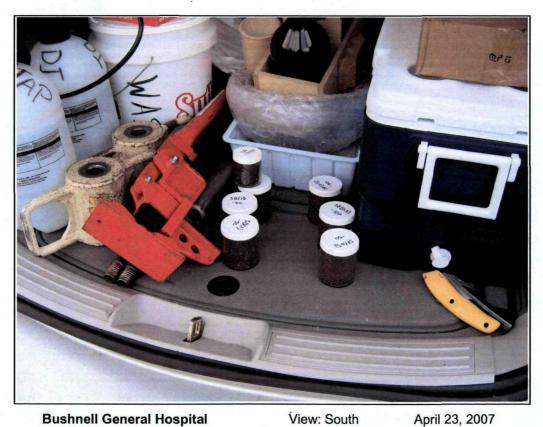
View: Southeast

April 23, 2007

Drill rig in place for drilling of Well MW00.



Bushnell General Hospital View: South April 23, 2007 Collection of soil samples BGH-SF(0.5)-50 and BGH-SB(2)-50.



Soil samples BGH-SF(0.5)-50 and BGH-SB(2)-50.

April 20, 2007



Bushnell General Hospital

View: Southwest

April 23, 2007

Soil core at drill rig.



Bushnell General Hospital

View: Southwest

April 23, 2007

Drill rig in operation.



Bushnell General Hospital Soil sample BGH-SS(20)-50.

View: Southwest

April 23, 2007



Bushnell General Hospital

View: South

April 25, 2007

Soil samples BGH-SF(0.5)-73 and BGH-SB(2)-73.



Bushnell General Hospital View: South Location of soil samples BGH-SF(0.5)-73 and BGH-SB(2)-73.



Bushnell General Hospital View: East Location of surface-water sample BGH-SW-20.

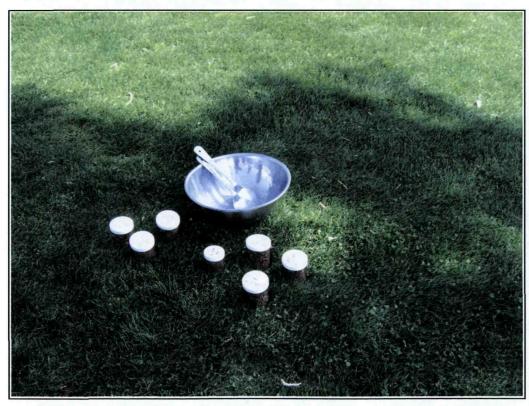
April 25, 2007



Bushnell General Hospital Surface-water sample BGH-SW-20.

View: Southwest

April 25, 2007



Bushnell General Hospital View: South Soil samples BGH-SF(0.5)-75 and BGH-SB(2)-75.

April 25, 2007



Bushnell General Hospital View: South April 25, 2007 Location of soil samples BGH-SF(0.5)-75 and BGH-SB(2)-75.



Bushnell General Hospital View: West April 25, 2007 Soil samples BGH-SF(0.5)-74, BGH-SB(2)-74, BGH-SF(0.5)-56, and BGH-SB(2)-56.

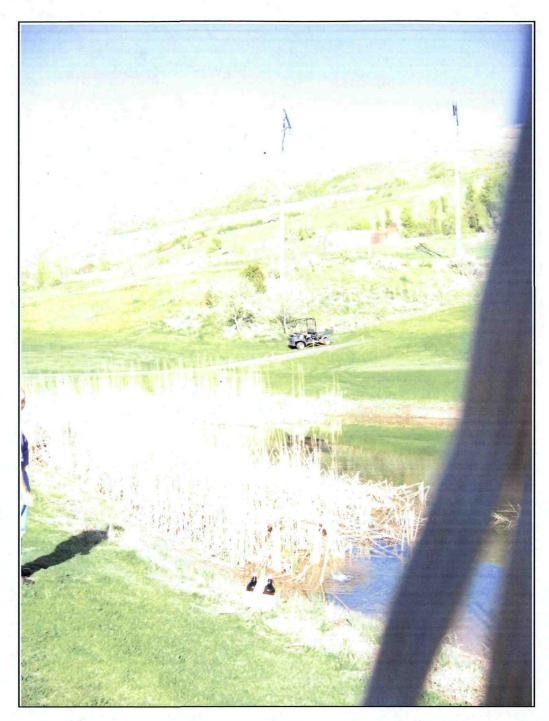


Bushnell General Hospital View: South April 25, 2007 Location of soil samples BGH-SF(0.5)-74, BGH-SB(2)-74, BGH-SF(0.5)-56, and BGH-SB(2)-56.



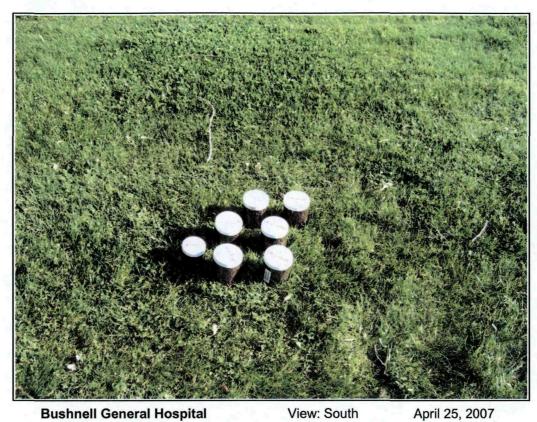
Bushnell General HospitalSurface-water sample BGH-SW-21.

View: East April 25, 2007

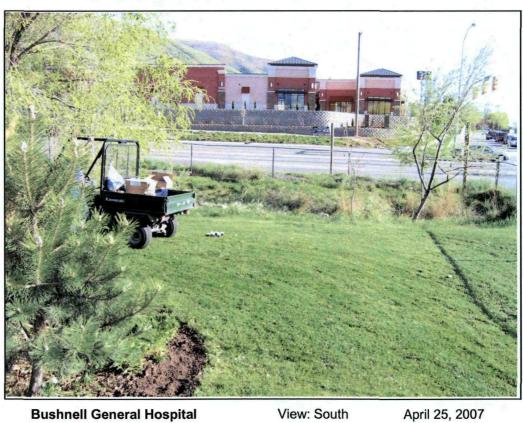


Bushnell General Hospital View: East Location of surface-water sample BGH-SW-21.

April 25, 2007



Bushnell General Hospital View: South Soil samples BGH-SF(0.5)-60 and BGH-SB(2)-60.



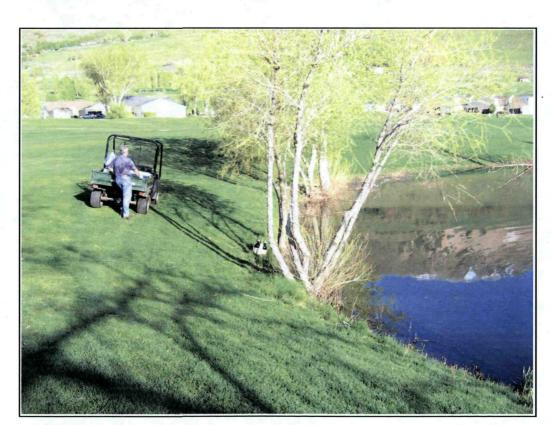
Bushnell General Hospital View: South Location of soil samples BGH-SF(0.5)-60 and BGH-SB(2)-60.



Bushnell General HospitalSurface-water sample BGH-SW-22.

View: North

April 25, 2007



Bushnell General Hospital

View: North

April 25, 2007

Location of soil samples BGH-SW-22.



Bushnell General Hospital

View: East

April 25, 2007

Surface-water sample BGH-SW-23.

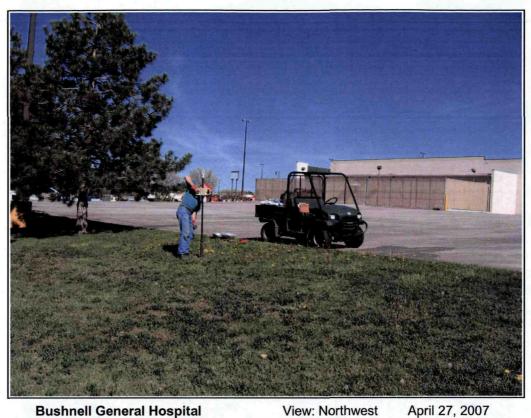


Bushnell General Hospital

View: East

April 25, 2007

Location of soil samples BGH-SW-23.

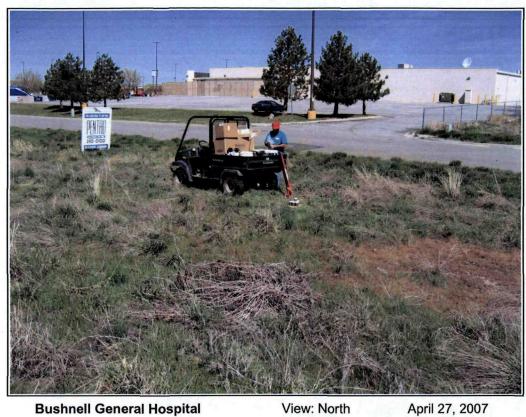


Bushnell General Hospital View: Northwest Location of soil samples BGH-SF(0.5)-61 and BGH-SB(2)-61.



Bushnell General Hospital View: So Soil samples BGH-SF(0.5)-61 and BGH-SB(2)-61.

April 27, 2007

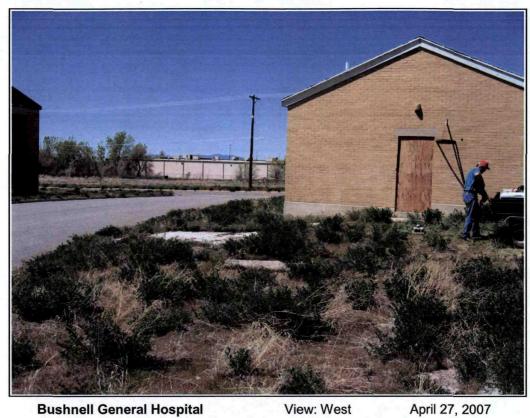


Bushnell General Hospital View: North

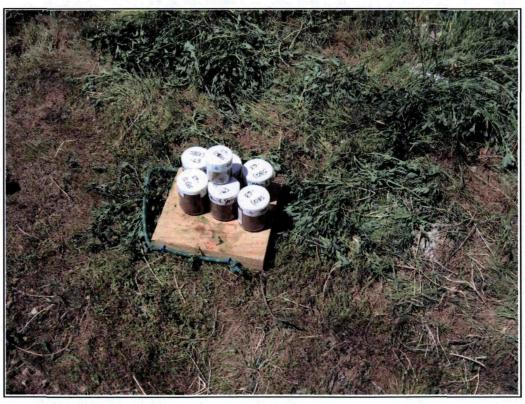
Location of soil samples BGH-SF(0.5)-62 and BGH-SB(2)-62.



Bushnell General Hospital View: Northwest April 27, 2007 Soil samples BGH-SF(0.5)-62 and BGH-SB(2)-62.

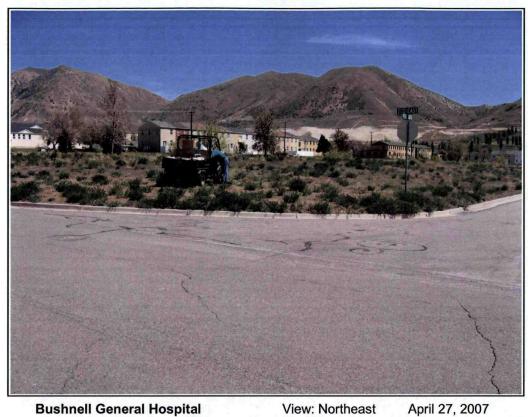


Bushnell General Hospital View: West Location of soil samples BGH-SF(0.5)-63 and BGH-SB(2)-63.

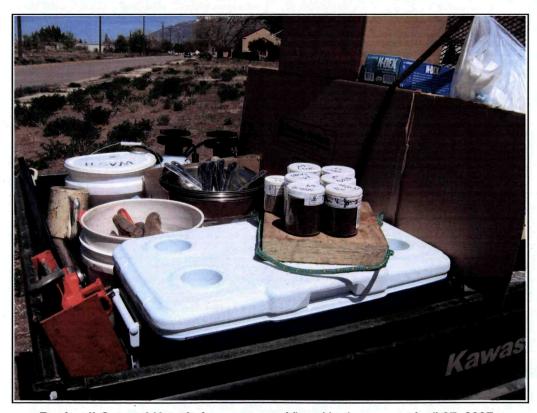


Bushnell General Hospital View: West Soil samples BGH-SF(0.5)-63 and BGH-SB(2)-63.

April 27, 2007

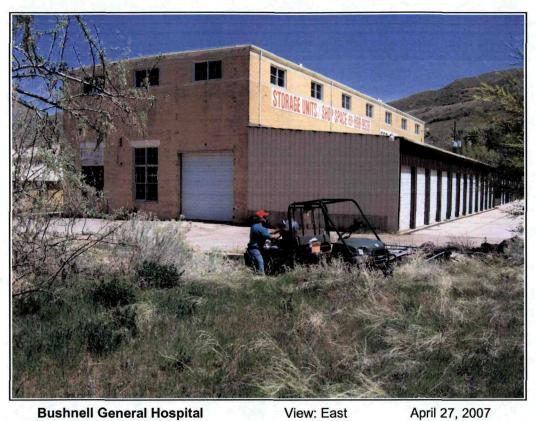


Bushnell General Hospital View: Northeast Location of soil samples BGH-SF(0.5)-64 and BGH-SB(2)-64.



Bushnell General Hospital View: North Soil samples BGH-SF(0.5)-64 and BGH-SB(2)-64.

April 27, 2007



Bushnell General Hospital View: East Location of soil samples BGH-SF(0.5)-66 and BGH-SB(2)-66.



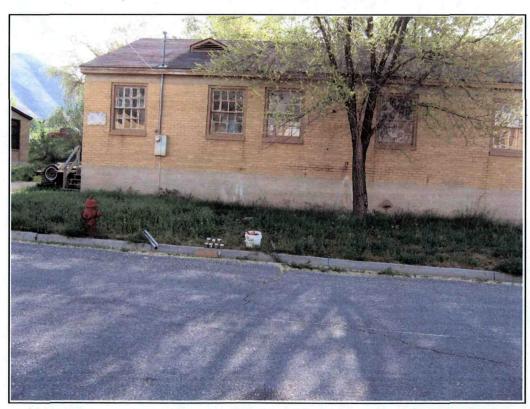
Bushnell General Hospital View: East Soil samples BGH-SF(0.5)-66 and BGH-SB(2)-66.

April 27, 2007



Bushnell General Hospital View: East Soil samples BGH-SF(0.5)-68 and BGH-SB(2)-68.

April 30, 2007

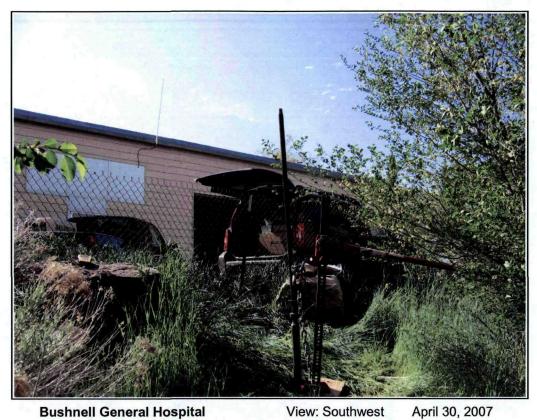


Bushnell General Hospital

View: East

April 30, 2007

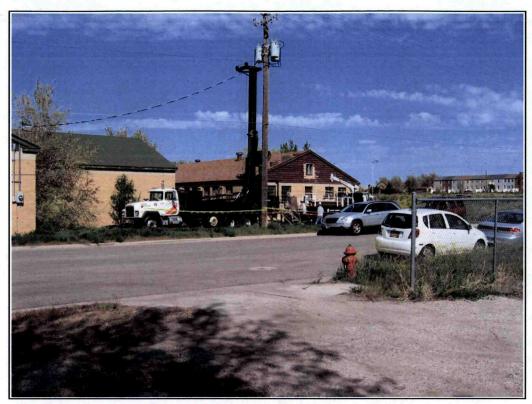
Location of soil samples BGH-SF(0.5)-68 and BGH-SB(2)-68.



Bushnell General Hospital View: Southwest Location of soil samples BGH-SF(0.5)-69 and BGH-SB(2)-69.



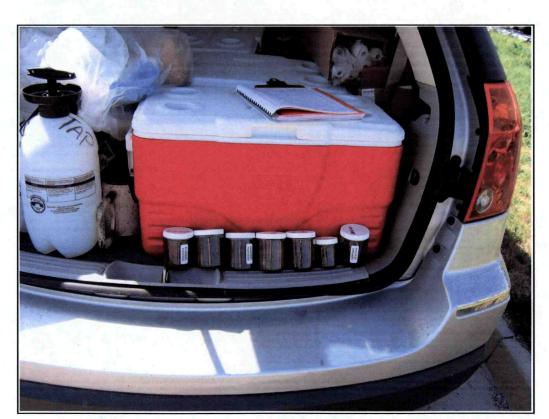
Bushnell General Hospital View: Southwest April 30, 2007 Soil samples BGH-SF(0.5)-69 and BGH-SB(2)-69.



Bushnell General HospitalDrill Rig at location of Well MW01.

View: South

April 30, 2007

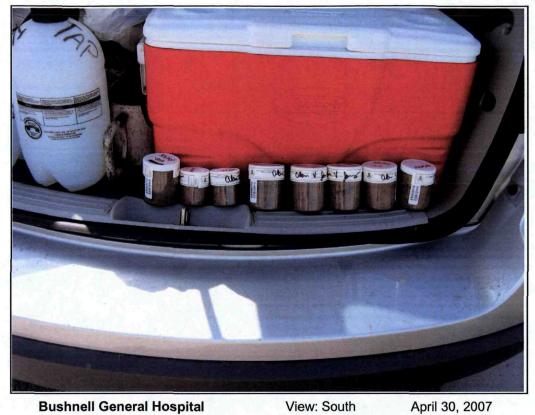


Bushnell General Hospital

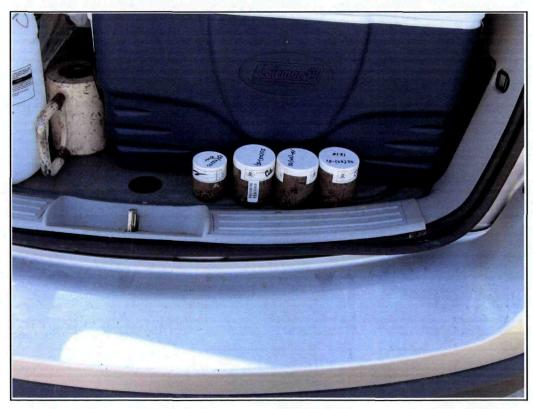
View: Southwest

April 30, 2007

Soil samples BGH-SF(0.5)-51 and BGH-SB(2)-51.



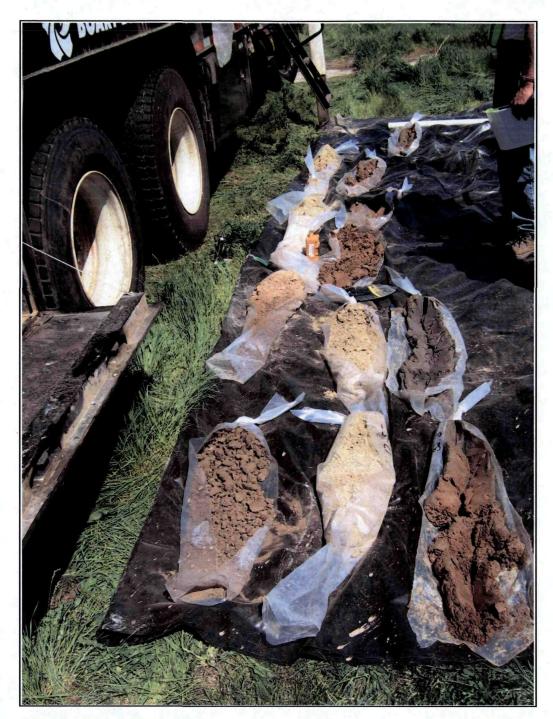
Bushnell General Hospital View: South Soil samples BGH-SS(20)-51 and BGH-SS(20)-57 (duplicate).



Bushnell General HospitalSoil sample BGH-SS(22)-51.

View: South

April 30, 2007



Bushnell General HospitalSoil core laid out next to drill rig.

View: North

April 30, 2007

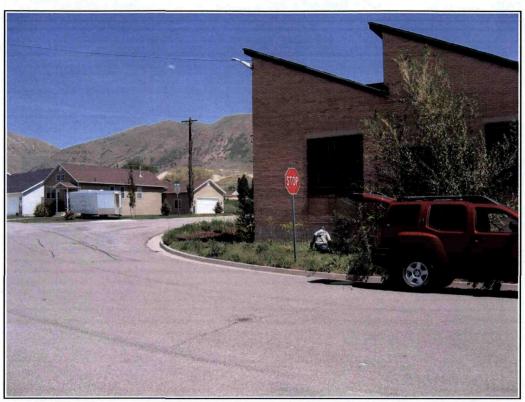


Bushnell General Hospital View: East
Location of soil samples BGH-SF(0.5)-72 and BGH-SB(2)-72.



Bushnell General Hospital View: East Soil samples BGH-SF(0.5)-72 and BGH-SB(2)-72.

April 30, 2007

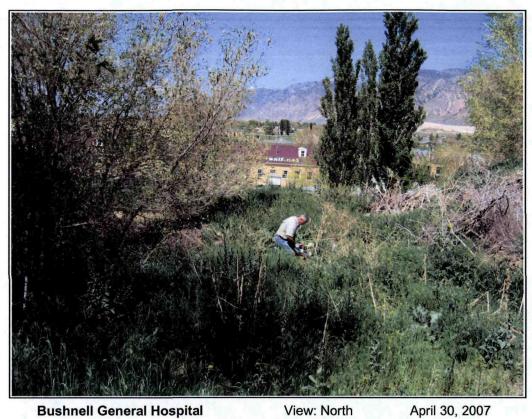


Bushnell General Hospital View: East April 30, 2007 Location of soil samples BGH-SF(0.5)-70 and BGH-SB(2)-70.



Bushnell General Hospital View: North Soil samples BGH-SF(0.5)-70 and BGH-SB(2)-70.

April 30, 2007

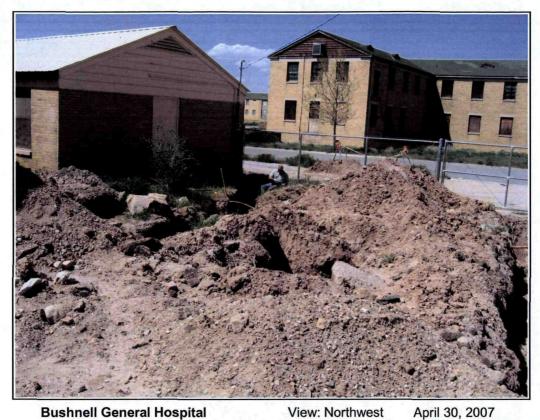


Bushnell General Hospital View: North Location of soil samples BGH-SF(0.5)-71 and BGH-SB(2)-71.



Bushnell General Hospital View: West Soil samples BGH-SF(0.5)-71 and BGH-SB(2)-71.

April 30, 2007

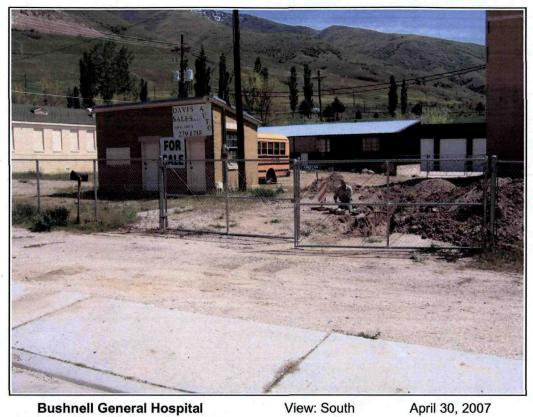


Bushnell General Hospital View: Northwest Location of soil samples BGH-SF(0.5)-65 and BGH-SB(2)-65.



Bushnell General Hospital View: East Soil samples BGH-SF(0.5)-65 and BGH-SB(2)-65.

April 30, 2007

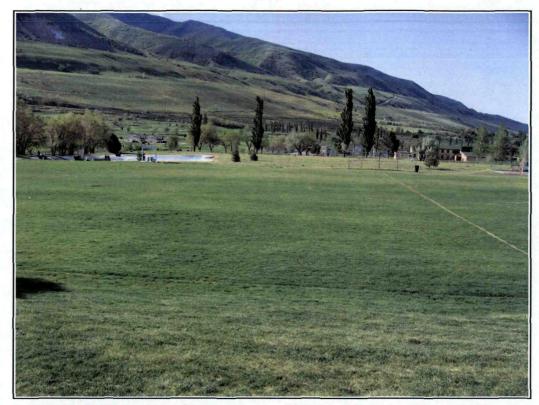


Bushnell General Hospital View: South Location of soil samples BGH-SF(0.5)-67 and BGH-SB(2)-67.



Bushnell General Hospital Soil samples BGH-SF(0.5)-67 and BGH-SB(2)-67.

April 30, 2007



Bushnell General Hospital

View: South

May 2, 2007

Location of asbestos sample BGH-OT-31.

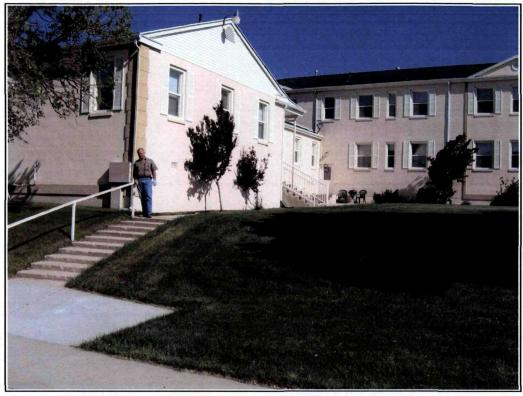


Bushnell General Hospital

View: Southeast

May 2, 2007

Location of asbestos sample BGH-OT-32.

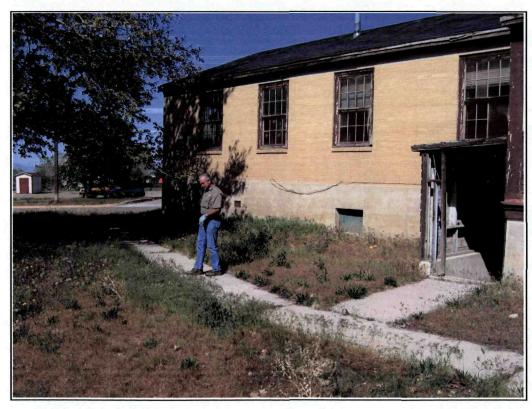


Bushnell General Hospital

View: Northwest

May 2, 2007

Location of asbestos sample BGH-OT-33.



Bushnell General Hospital

View: West

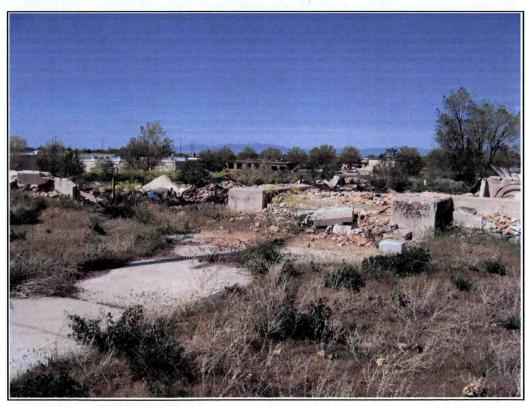
May 2, 2007

Location of asbestos sample BGH-OT-34.



Bushnell General Hospital
Location of asbestos sample BGH-OT-35.

View: Northwest May 2, 2007



Bushnell General Hospital

View: West

May 2, 2007

Location of asbestos sample BGH-OT-36.

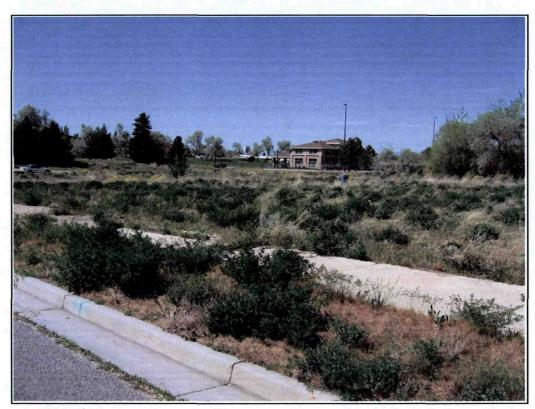


Bushnell General Hospital

View: West

May 2, 2007

Location of asbestos sample BGH-OT-37.

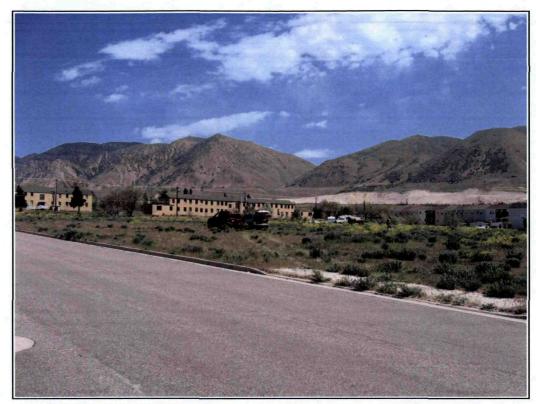


Bushnell General Hospital

View: Southwest

May 2, 2007

Location of asbestos sample BGH-OT-38.



Bushnell General Hospital
Location of asbestos sample BGH-OT-39.

View: Northwest Ma

May 2, 2007

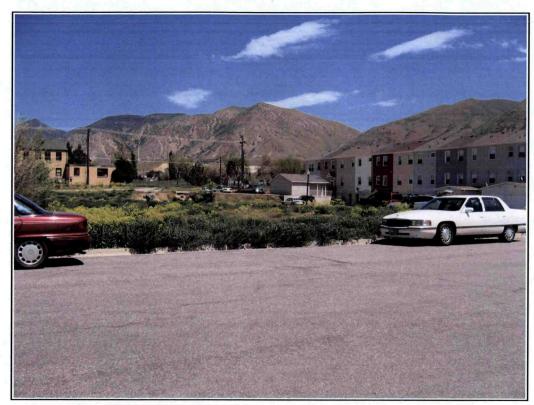


Bushnell General Hospital

View: Southwest

May 2, 2007

Location of asbestos sample BGH-OT-40.

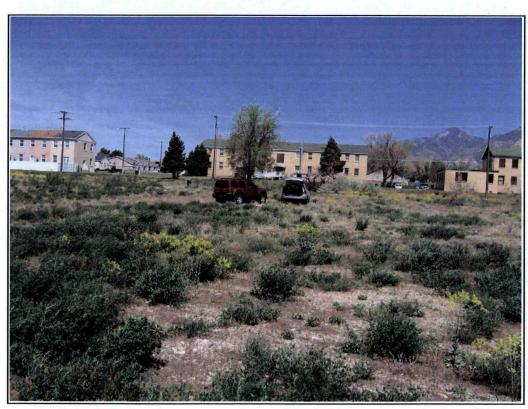


Bushnell General Hospital

View: Northeast

May 2, 2007

Location of asbestos sample BGH-OT-41.



Bushnell General Hospital

View: North

May 2, 2007

Location of asbestos sample BGH-OT-42.

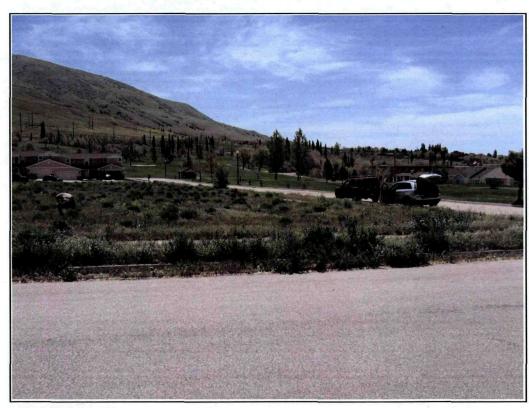


Bushnell General Hospital

View: North

May 2, 2007

Location of asbestos sample BGH-OT-43.

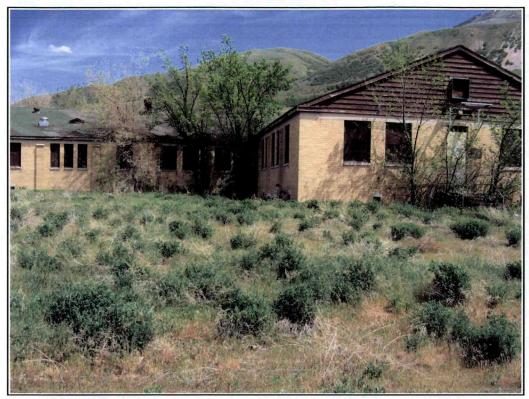


Bushnell General Hospital

View: South

May 2, 2007

Location of asbestos sample BGH-OT-44.

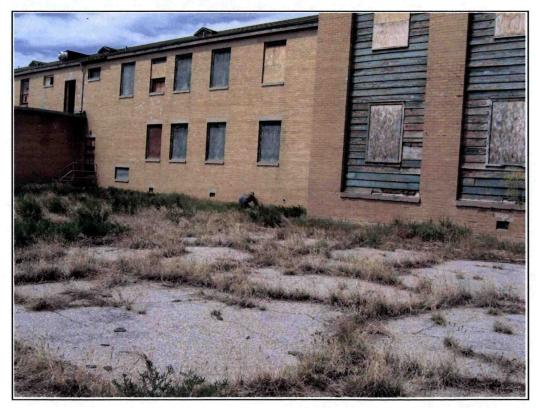


Bushnell General Hospital

View: East

May 2, 2007

Location of asbestos sample BGH-OT-45.



Bushnell General Hospital

View: Northeast

May 2, 2007

Location of asbestos sample BGH-OT-46.



Bushnell General Hospital

View: West

May 2, 2007

Location of asbestos sample BGH-OT-47.



Bushnell General Hospital

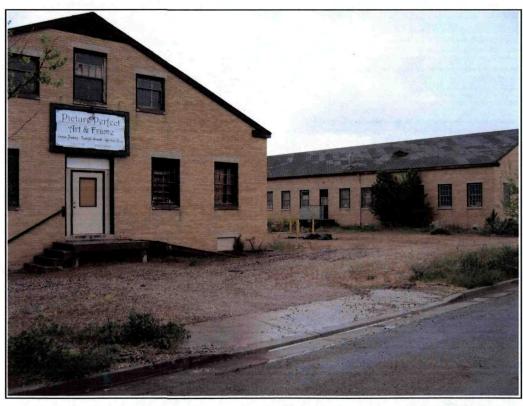
View: North

May 3, 2007

Pump set up on MW00 for collection of ground-water sample BGH-GW-00.



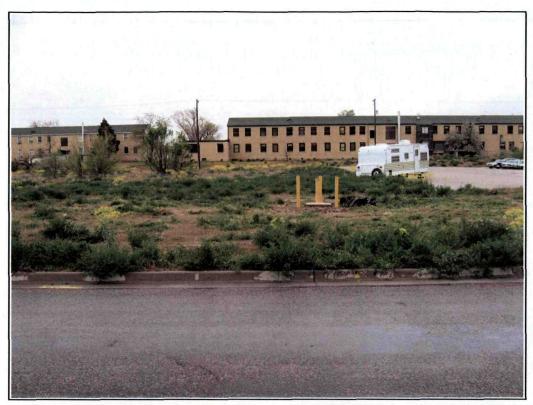
Bushnell General Hospital View: South May 5, 2007 Pump set up at MW02 for collection of ground-water sample BGH-GW-02.



Bushnell General Hospital Monitor Well MW05.

View: Northwest

May 5, 2007

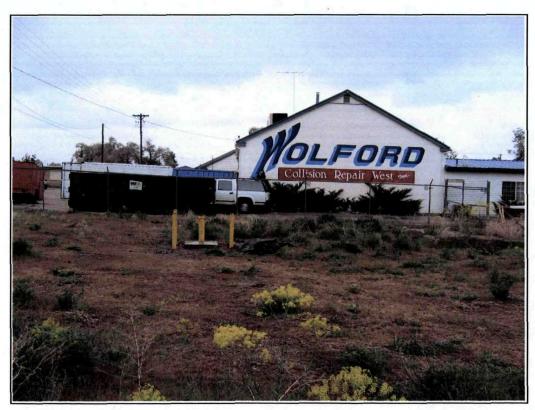


Bushnell General Hospital

View: North

May 5, 2007

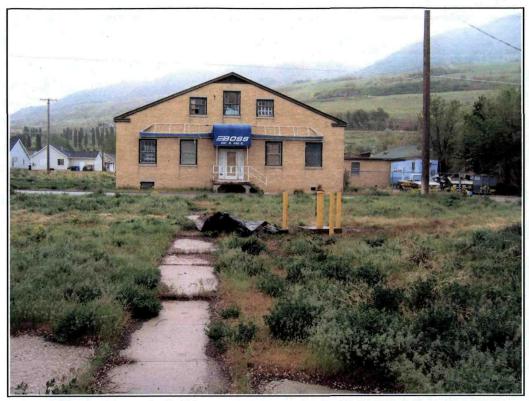
Monitor well MW04.



Bushnell General Hospital Monitor Well MW02.

View: West

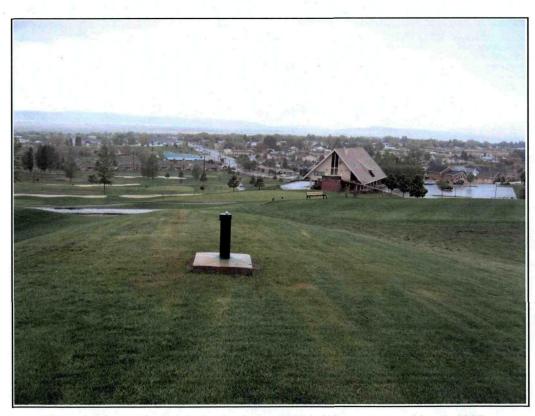
May 5, 2007



Bushnell General Hospital Monitor well MW01.

View: East

May 5, 2007



Bushnell General HospitalMonitor Well MW00.

View: West

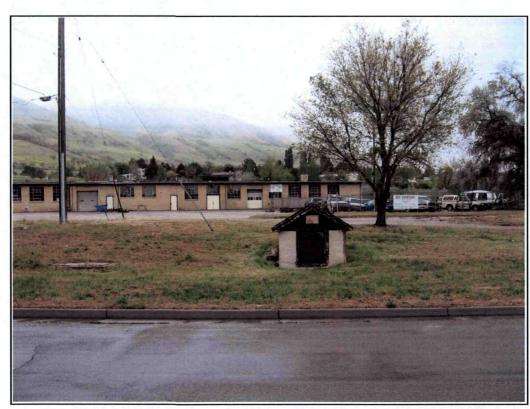
May 5, 2007



Bushnell General Hospital Monitor well MW03.

View: West

May 5, 2007



Bushnell General Hospital
Well at Wheatly Woodworking.

View: South

May 5, 2007

Appendix F

Sample Documentation

Case No:

36335

DAS No:

Region:	8	Date Shipped:	4/25/2007	Chain of Custody Record		Sampler Signature:	
Project Code:		Carrier Name:	Hand Delivered			orgiatule.	
Account Code:		Airbill:		Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories.	1			
Spill ID:			Inc.	<u></u>		 	
Site Name/State:	Bushnell General Hospital/UT		960 West LeVoy Drive	2			
Project Leader:	Alan Jones	Į	Salt Lake City UT 84123 (801) 266-7700	3			
Action:	Expanded Site Investigation/RI		(==,,=====	<u>-</u>		 	
Sampling Co:	Utah DEQ/DERR	Į.		4		1	

1										
INORGANIC SAMPLE NO		CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No.J PRESERVATIVE/ Bottles	STATION LOCATION		E/TIME	ORGANIC SAMPLE No.	QC Type	
MH1PT8	Subsurface Soil (>12")/ Alan Jones	L/G	TM (21)	8311001 (Ice Only) (1)	BGH-SB(2)-50	S: 4/23/2007	11:10	H1PT8		: S g.
MH1PT9	Surface Soil (0"-12")/ Alan Jones	Ľ/G	TM (21)	8311005 (Ice Only) (1)	BGH-SF(0.5)-50	S: 4/23/2007	10:40	H1PT9		
MH1PW0	Soil/Sediment/ Alan Jones	L/G	TM (21)	8311008 (Ice Only) (1)	BGH-SS(20)-50	S: 4/23/2007	12:17	H1PW0		

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
TM = CLP TAL Total Me	tals		<u> </u>

TR Number: 8-043013577-042307-0001
PR provides preliminary results. Requests for preliminary results will increase analytical costs.

703/818-4602

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F2V5.1.047 Page 1 of 1

Expanded Site Investigation/RI

Utah DEQ/DERR

Case No: 36335 DAC No.

	organic frame Report & Sir	DAS NO:					
Region: Project Code:	8	Date Shipped:	4/25/2007 Hand Delivered	Chain of Custody	Chain of Custody Record		
Account Code:	•	Airbill:	Harid Delivered	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1			
Spill ID:			Inc.			 	
Site Name/State:	Bushnell General Hospital/UT	l	960 West LeVoy Drive	2		<u> </u>	
Project Leader:	Alan Jones	1	Salt Lake City UT 84123 (801) 266-7700	3		<u> </u>	

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		E/TIME COLLECT	INORGANIC SAMPLE No.	QC Type
н1РТ8	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311002 (Ice Only), 8311003 (Ice Only), 8311004 (Ice Only) (3)	BGH-SB(2)-50	S: 4/23/2007	11:10	MH1PT8	
H1PT9	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311006 (Ice Only), 8311007 (Ice Only) (2)	BGH-SF(0.5)-50	S: 4/23/2007	10:40	MH1PT9	-
H1PW0	Soil/Sediment/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311009 (Ice Only), 8311010 (Ice Only), 8311011 (Ice Only) (3)	BGH-SS(20)-50	S: 4/23/2007	12:17	MH1PW0	

,	Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:							
	Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment iced?							
	BNA = CLP TCL Semivolatiles, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL Volatiles										

TR Number: 8-043013577-042307-0002

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Action: Sampling Co:

Case No: 36335

DAS No:

Region: Project Code:	8	Date Shipped:		Chain of Custody Record		Sampler Signature:	
Account Code:		Carrier Name: Airbill:	Hand Delivered	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1			
Spill ID:			Inc.	2			
Site Name/State:	Bushnell General Hospital/UT		960 West LeVoy Drive Salt Lake City UT 84123				
Project Leader:	Alan Jones		(801) 266-7700	3			-
Action:	Expanded Site Investigation/RI					 	
Sampling Co:	Utah DEQ/DERR	l		4		· .	

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		EVIME	ORGANIC SAMPLE No.	QC Type
MH1PW1	Soil/Sediment/ Jerry Cross	ĽG	TM (21)	8311012 (Ice Only) (1)	BGH-SS(162)-50	S: 4/24/2007	19:30	H1PW1	æ n
MH1PW3	Surface Soil (0"-12")/	L/G	TM (21)	8311018 (Ice Only) (1)	BGH-SF(0.5)-73	S: 4/25/2007	14:20	H1PW3	
MH1PW4	Alan Jones Subsurface Soil (>12")/	L/G	TM (21)	8311021 (Ice Only) (1)	BGH-SB(2)-73	S: 4/25/2007	14:20	H1PW4	
MH1PW5	Alan Jones Surface Water/ Alan Jones	L/G	TM (21)	8311025 (HNO3) (1)	BGH-SW-20	S: 4/25/2007	14:55	H1PW5	
MH1PW6	Surface Soil (0"-12")/	L/G	TM (21)	8311030 (Ice Only) (1)	BGH-SF(0.5)-75	S: 4/25/2007	15:40	H1PW6	
MH1PW7	Alan Jones Subsurface Soil (>12")/	L/G	TM (21)	8311033 (Ice Only) (1)	BGH-SB(2)-75	S: 4/25/2007	15:40	H1PW7	
MH1PW8	Alan Jones Surface Soil (0"-12")/	L∕G	TM (21)	8311037 (Ice Only) (1)	BGH-SF(0.5)-74	S: 4/25/2007	16:05	H1PW8	
MH1PW9	Alan Jones Subsurface Soil (>12")/	L/G	TM (21)	8311040 (Ice Only) (1)	BGH-SB(2)-74	S: 4/25/2007	16:05	H1PW9	
MH1PX0	Alan Jones Surface Soil (0"-12")/ Alan Jones	L/G	TM (21)	8311044 (Ice Only) (1)	BGH-SF(0.5)-56	S: 4/25/2007	16:25	H1PX0	Field Duplicate
MH1PX1	Subsurface Soil (>12")/ Alan Jones	L/G	TM (21)	8311047 (Ice Only) (1)	BGH-SB(2)-56	S: 4/25/2007	16:25	H1PX1	Field Duplicate

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MH1PW4	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
TM = CLP TAL Total Me	erais	,	

TR Number: 8-043013577-042507-0001

Case No:

DAS No:

36335

Region:	8	Date Shipped:	late Sulphed: Vickio(II)		Sampler Signature:		
Project Code:		Carrier Name:	Hand Delivered			orginature.	
Account Code:		Airbill:		Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1	•		
Spill ID:			Inc.	 		 	
Site Name/State:	Bushnell General Hospital/UT	ļ	960 West LeVoy Drive	2		<u> </u>	
Project Leader:	Alan Jones	•	Salt Lake City UT 84123 (801) 266-7700	3			
Action:	Expanded Site Investigation/RI		(00.7) 200 1110			 	
Sampling Co:	Utah DEQ/DERR			4			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE (DATE/		ORGANIC SAMPLE No.	QC Type
MH1PX2	Surface Water/ Alan Jones	L/G	TM (21)	8311101 (HNO3) (1)	BGH-SW-21	S: 4/25/2007	17:40	H1PX2	
MH1PX3	Surface Soil (0"-12")/	L/G	TM (21)	8311106 (Ice Only) (1)	BGH-SF(0.5)-60	S: 4/25/2007	18:00	H1PX3	 .
MH1PX4	Alan Jones Subsurface Soil (>12")/	L/G	TM (21)	8311109 (Ice Only) (1)	BGH-SB(2)-60	S: 4/25/2007	18:00	H1PX4	
MH1PX5	Alan Jones Surface Water/ Alan Jones	L∕G	TM (21)	8311113 (HNO3) (1)	BGH-SW-22	S: 4/25/2007	18:25	H1PX5	
MH1PX6	Surface Water/ Alan Jones	L/G	TM (21)	8311118 (HNO3) (1)	BGH-SW-23	S: 4/25/2007	18:50	H1PX6	 ·

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: MH1PW4	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?	
TM = CLP TAL Total Me	etals			

TR Number: 8-043013577-042507-0001

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Case No: 36335 DAS No:

Region: Project Code:	8	Date Shipped: Carrier Name:	Hand Delivered	Chain of Custody Ro	ecord	Sampler Signature:	
Account Code:	. 1	Airbill:		Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1			
Spill ID:		,	Inc.	2			
Site Name/State:	Bushnell General Hospital/UT		960 West LeVoy Drive Salt Lake City UT 84123			ļ	
Project Leader:	Alan Jones]	(801) 266-7700	3			
Action:	Expanded Site Investigation/RI		,	<u> </u>		 	
Sampling Co:	Utah DEQ/DERR			4			_

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		E/TIME	INORGANIC SAMPLE No.	QC Type
H1PW1	Soil/Sediment/ Jerry Cross	L/G	BNA (21), PEST (21), VOA (21)	8311013 (Ice Only), 8311014 (Ice Only), 8311015 (Ice Only) (3)	BGH-SS(162)-50	S: 4/24/2007	19:30	MH1PW1	
H1PW2	Ground Water/ Alan Jones	L/G	VOA (21)	8311016 (HCL), 8311017 (HCL) (2)	BGH-GW-10	S: 4/25/2007	9:00		Trip Blank
H1PW3	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311019 (ice Only), 8311020 (ice Only) (2)	BGH-SF(0.5)-73	S: 4/25/2007	14:20	MH1PW3	
H1PW4	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311022 (Ice Only), 8311023 (Ice Only), 8311024 (Ice Only) (3)	BGH-SB(2)-73	S: 4/25/2007	14:20	MH1PW4	
H1PW5	Surface Water/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311026 (Ice Only), 8311027 (Ice Only), 8311028 (HCL), 8311029 (HCL) (4)	BGH-SW-20	S: 4/25/2007	14:55	MH1PW5	
H1PW6	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)		BGH-SF(0.5)-75	S: 4/25/2007	15:40	MH1PW6	
H1PW7	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311034 (Ice Only), 8311035 (Ice Only), 8311036 (Ice Only) (3)	BGH-SB(2)-75	S: 4/25/2007	15:40	MH1PW7	
H1PW8	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)		BGH-SF(0.5)-74	S: 4/25/2007	16:05	MH1PW8	
H1PW9	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311041 (Ice Only), 8311042 (Ice Only), 8311043 (Ice Only) (3)	BGH-SB(2)-74	S: 4/25/2007	16:05	MH1PW9	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
	H1PW4			
Analysis Key:	Concentration: L = Low, M = Low/Medium, H ≈ High	Type/Designate: Composite = C, Grab = G	Shipment Iced?	
BNA = CLP TCL Semive	olatiles, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL	Volatiles		

TR Number: 8-043013577-042507-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

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Case No:

DAS No:

36335

Region: Project Code:	8	Date Shipped: Carrier Name:	4/26/2007 Hand Delivered	Chain of Custody R	ecord	Sampler Signature:		
Account Code:	•	Airbill:	riding bontored	Relinquished By	(Date / Time)	Received By	(Date / Time)	
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1				
Spill ID:			Inc.	2		†		
Site Name/State:	Bushneil General Hospital/UT	[·	960 West LeVoy Drive			<u> </u>		
Project Leader: Action:	Alan Jones Expanded Site Investigation/RI		Salt Lake City UT 84123 (801) 266-7700	3				
Sampling Co:	Utah DEQ/DERR			4				

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		INORGANIC SAMPLE No.	QC Type
H1PX0	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311045 (Ice Only), 8311046 (Ice Only) (2)	BGH-SF(0.5)-56	S: 4/25/2007	16:25	MH1PX0	Field Duplicate
H1PX1	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311048 (Ice Only), 8311049 (Ice Only), 8311050 (Ice Only) (3)	BGH-SB(2)-56	S: 4/25/2007	16:25	MH1PX1	Field Duplicate
H1PX2	Surface Water/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311102 (Ice Only), 8311103 (Ice Only), 8311104 (HCL), 8311105 (HCL) (4)	BGH-SW-21	S: 4/25/2007	17:40	MH1PX2	
H1PX3	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311107 (Ice Only), 8311108 (Ice Only) (2)	BGH-SF(0.5)-60	S: 4/25/2007	18:00	MH1PX3	
H1PX4	Subsurface Soil (>12")/ Alan Jones	L/G [.]	BNA (21), PEST (21), VOA (21)	8311110 (Ice Only), 8311111 (Ice Only), 8311112 (Ice Only) (3)	BGH-SB(2)-60	S: 4/25/2007	18:00	MH1PX4	·
H1PX5	Surface Water/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)		BGH-SW-22	S: 4/25/2007	18:25	MH1PX5	
H1PX6	Surface Water/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)		BGH-SW-23	S: 4/25/2007	18:50	MH1PX6	-

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: H1PW4	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?	
BNA = CLP TCL Semive	olatiles, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL	Volatiles		

TR Number:

703/818-4602

8-043013577-042507-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

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Case No:

DAS No:

36335

Region: Project Code:	8	Date Shipped: Carrier Name:	4/27/2007 Hand Delivered Chain of Custody Reconstruction Relinquished By Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700 Chain of Custody Reconstruction Custody Re	Chain of Custody R	ecord	Sampler Signature:	
Account Code:		Airbill:		Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:		1			
Spill ID:	•					 	
Site Name/State:	Bushnell General Hospital/UT	,		2		<u> </u>	
Project Leader:	Alan Jones	ţ					
Action:	Expanded Site Investigation/RI	j		<u></u>		 	
Sampling Co:	Utah DEQ/DERR	1		4			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	SAMPLER TYPE TURNAROUND PRESERVATIVE/ Bottles LOCATION			COLLECT TIME	ORGANIC SAMPLE No.	QC Type		
MH1PX7	Soil/Sediment/ Jerry Cross	IJĠ	TM (21)	8311123 (Ice Only) (1)	BGH-SS(206)-50	S: 4/26/2007	17:05	H1PX7	
MH1PX8	Surface Soil (0"-12")/ Alan Jones	L/G	TM (21)	8311127 (Ice Only) (1)	BGH-SF(0.5)-61	S: 4/27/2007	10:20	H1PX8	
MH1PX9	Subsurface Soil (>12")/	L/G	TM (21)	8311130 (Ice Only) (1)	BGH-SB(2)-61	S: 4/27/2007	10:20	H1PX9	
MH1PY0	Alan Jones Surface Soil (0"-12")/	L/G	TM (21)	8311134 (Ice Only) (1)	BGH-SF(0.5)-62	S: 4/27/2007	10:50	H1PY0	
MH1PY1	Alan Jones Subsurface Soil (>12")/	ĽG	TM (21)	8311137 (Ice Only) (1)	BGH-SB(2)-62	S: 4/27/2007	10:50	H1PY1	
MH1PY2	Alan Jones Surface Soil (0"-12")/	L/G	TM (21)	8311141 (Ice Only) (1)	BGH-SF(0.5)-63	S: 4/27/2007	12:00	H1PY2	
MH1PY3	Alan Jones Subsurface Soil (>12")/	L/G	TM (21)	8311144 (Ice Only) (1)	BGH-SB(2)-63	S: 4/27/2007	12:00	H1PY3	
MH1PY4	Alan Jones Surface Soil (0"-12")/	L/G	TM (21)	8311148 (Ice Only) (1)	BGH-SF(0.5)-64	S: 4/27/2007	12:25	H1PY4	
MH1PY5	Alan Jones Subsurface Soil (>12")/	L/G	TM (21)	8311201 (Ice Only) (1)	BGH-SB(2)-64	S: 4/27/2007	12:25	H1PY5	
MH1PY6	Alan Jones Surface Soil (0"-12")/ Alan Jones	L/G	TM (21)	8311205 (Ice Only) (1)	BGH-SF(0.5)-66	S: 4/27/2007	13:10	H1PY6	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
	MH1PY1			
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?	
TM = CLP TAL Total Me	tals			

TR Number:

703/818-4602

8-043013577-042707-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs. Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax **REGION COP**

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Alan Jones

USEPA Contract Laboratory Program Inorganic Traffic Report & Chain of Custody Record

Case No:

DAS No:

36335

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Region: Project Code:	8			Date Shipped: Carrier Name:	citati di custou i izccota				Sampler Signature:			
Account Code:				Airbill:	***************************************		Relinquished	Relinquished By (Date / Time)		Time)	Received By	· (Date / Time)
CERCLIS ID:	UTN0008021	148		Shipped to:		tachem Laboratories,						
Spill ID: Site Name/State:	Spill ID: Site Name/State: Bushnell General Hospital/UT				Inc. 960 West LeVoy Drive			2				
Project Leader:	ect Leader: Alan Jones		Salt Lake City UT 84123 (801) 266-7700			3						
Action: Sampling Co:	Expanded S Utah DEQ/D	•	ation/Ri	1	, ,		4					
INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG PRESERVAT	No./ TVE/ Bottles	STATION LOCATION			COLLECT EATIME		GANIC PLE No.	QC Type
	Subsurface Soil >12")/	L/G	TM (21)	8311208 (1)		BGH-SB(2)-	66 S: 4/	27/2007	13:10	H1PY7		

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
	MH1PY1	·		
Analysis Key:	Concentration: L ≈ Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?	
TM = CLP TAL Total Me	iais .			

TR Number: 8-043013577-042707-0001

Case No: 36335

DAS No:

Region: Project Code:	8	Date Shipped: Carrier Name:	Name: Hand Delivered	Chain of Custody Re	cord	Sampler Signature:	
Account Code:	•	Airbill:	riano Denvereu	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1			
Spill ID:			Inc. 960 West LeVoy Drive	2		 	
Site Name/State:	Bushnell General Hospital/UT	1	Salt Lake City UT 84123			 	
Project Leader:	Alan Jones		(801) 266-7700	3			
Action:	Expanded Site Investigation/RI			 		 	
Sampling Co:	Utah DEQ/DERR	L		4			

ORGANIC SAMPLE No.	MATRIX/ CONC/ ANALYSIS/ TAG No./ STATION SAMPLER TYPE TURNAROUND PRESERVATIVE/ Bottles LOCATION				AUME COTTECL	INORGANIC SAMPLE No.	QC Type		
H1PX7	Soil/Sediment/ Jerry Cross	L/G	BNA (21), PEST (21), VOA (21)	8311124 (Ice Only), 8311125 (Ice Only), 8311126 (Ice Only) (3)	BGH-SS(206)-50	S: 4/26/2007	17:05	MH1PX7	
H1PX8	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311128 (Ice Only), 8311129 (Ice Only) (2)	BGH-SF(0.5)-61	S: 4/27/2007	10:20	MH1PX8	
H1PX9	Subsurface Soil (>12")/ Alan Jones	L∕G	BNA (21), PEST (21), VOA (21)	8311131 (Ice Only), 8311132 (Ice Only), 8311133 (Ice Only) (3)	BGH-SB(2)-61	S: 4/27/2007	10:20	MH1PX9	-
H1PY0	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311135 (Ice Only), 8311136 (Ice Only) (2)	BGH-SF(0.5)-62	S: 4/27/2007	10:50	MH1PY0	
H1PY1	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311138 (Ice Only), 8311139 (Ice Only), 8311140 (Ice Only) (3)	BGH-SB(2)-62	S: 4/27/2007	10:50	MH1PY1	-
H1PY2	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311142 (Ice Only), 8311143 (Ice Only) (2)	BGH-SF(0.5)-63	S: 4/27/2007	12:00	MH1PY2	
H1PY3	Subsurface Soil (>12")/ Alan Jones	L∕G	BNA (21), PEST (21), VOA (21)	8311145 (Ice Only), 8311146 (Ice Only), 8311147 (Ice Only) (3)	BGH-SB(2)-63	S: 4/27/2007	12:00	MH1PY3	
H1PY4	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311149 (Ice Only), 8311150 (Ice Only) (2)	BGH-SF(0.5)-64	S: 4/27/2007	12:25	MH1PY4	
H1PY5	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311202 (Ice Only), 8311203 (Ice Only), 8311204 (Ice Only) (3)	BGH-SB(2)-64	S: 4/27/2007	12:25	MH1PY5	* **
H1PY6	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)		BGH-SF(0.5)-66	S: 4/27/2007	13:10	MH1PY6	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: H1PY1	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High		Shipment Iced?	
BNA = CLP TCL Semivo	platiles, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL	Volatiles		

TR Number: 8-043013577-042707-0002

Case No: 36335
DAS No:

Region: Project Code:	8			Date Shipped: Carrier Name:	Pag. (#21/200)		Chain of Custody Record			Sampler Signature:		
Account Code:	,	, UTN000802148 Bushnell General Hospital/UT Alan Jones Expanded Site Investigation/RI		Airbill:	Be		Relin	quished By	(Date /	Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802			Shipped to: Datachem Laboratories, Inc. 960 West LeVoy Drive Salt Lake City UT 84123			1					
Spill ID:							2				1	
Site Name/State	555										 	
Project Leader: Action:				(801) 266-7700		3				<u> </u>		
Sampling Co:	Utah DEQ/I		<u>.</u>									
ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG N PRESERVATIV		STATION LOCATION			E/TIME		RGANIC PLE No.	QC Type
H1PY7	Subsurface Soil (>12")/	L/G	BNA (21), PEST (21), VOA (21)	8311209, 83112 8311211 (3)	10,	BGH-SB(2)-6	66	S: 4/27/2007	13:10	MH1PY	77	**

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
	H1PY1	·	·	
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?	
BNA = CLP TCL Semivo	platiles, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL	Volatiles		

TR Number: 8-043013577-042707-0002

Alan Jones

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Case No:

DAS No:

36335

Region: Project Code:	8	Date Shipped:	. 0/1/250/	Chain of Custody Re	cord	Sampler Signature:	
Project Code.		Carrier Name:	Hand Delivered	<u> </u>			
Account Code:	,	Airbill:		Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1			
Spill ID:			Inc.			 	
Site Name/State:	Bushnell General Hospital/UT		960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700	2			
Project Leader:	Alan Jones	1		3			
Action:	Expanded Site Investigation/RI		(001) 200 1100				
Sampling Co:	Utah DEQ/DERR			4			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TUFNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		COLLECT E/TIME	ORGANIC SAMPLE No.	QC Type
MH1PY8	Surface Soil (0"-12")/ Jerry Cross	L/G	TM (21)	8311216 (Ice Only) (1)	BGH-SF(0.5)-52	S: 4/27/2007	18:10	H1PY8	
MH1PY9	Subsurface Soil (>12")/ Jerry Cross	L/G	TM (21)	8311219 (Ice Only) (1)	BGH-SB(2)-52	S: 4/30/2007	18:10	H1PY9	
MH1PZ0	Soil/Sediment/ Jerry Cross	L/G	TM (21)	8311223 (Ice Only) (1)	BGH-SS(20)-52	S: 4/27/2007	18:40	H1PZ0	
MH1PZ1	Surface Soil (0"-12")/ Jerry Cross	Γ\Œ	TM (21)	8311227 (Ice Only) (1)	BGH-SF(0.5)-53	S: 4/28/2007	12:00	H1PZ1	
MH1PZ2	Subsurface Soil (>12")/	L/G	TM (21)	8311230 (Ice Only) (1)	BGH-SB(2)-53	S: 4/28/2007	12:00	H1PZ2	
MH1PZ3	Jerry Cross Soil/Sediment/ Jerry Cross	L/G	TM (21)	8311234 (Ice Only) (1)	BGH-SS(20)-53	S: 4/28/2007	12:15	H1PZ3	
MH1PZ4	Surface Soil (0"-12")/	L/G	TM (21)	8311237 (Ice Only) (1)	BGH-SF(0.5)-54	S: 4/29/2007	16:25	H1PZ4	
MH1PZ5	Jerry Cross Subsurface Soil (>12")/	L/G	TM (21)	8311240 (Ice Only) (1)	BGH-SB(2)-54	S: 4/29/2007	16:25	H1PZ5	••
MH1PZ6	Jerry Cross Soil/Sediment/ Jerry Cross	L/G	TM (21)	8311244 (Ice Only) (1)	BGH-SS(17)-54	S: 4/29/2007	17:55	H1PZ6	
MH1PZ8	Surface Soil (0"-12")/ Alan Jones	L∕G	TM (21)	8311249 (Ice Only) (1)	BGH-SF(0.5)-68	S: 4/30/2007	8:50	H1PZ8	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
	MH1PY9, MH1YD5, MH1YD8			
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?	
TM = CLP TAL Total Me	otals			

TR Number:

8-043013577-050107-0001

Case No:

DAS No:

36335

Region: Project Code:	8	Date Shipped: Carrier Name:	e: Hand Delivered	Chain of Custody R	lecord	Sampler Signature:	
Account Code:	,	Airbill:		Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1			
Spill ID:			Inc. 960 West LeVoy Drive Salt Lake City UT 84123 (801) 266-7700	 		 	
Site Name/State:	Bushnell General Hospital/UT	l		2			
Project Leader:	Alan Jones			3			
Action:	Expanded Site Investigation/RI			<u> </u>		 	
Sampling Co:	Utah DEQ/DERR			4		1	ı

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/	ANALYSISI TURNAROUND	TAG No.J PRESERVATIVE/ Bottles	STATION LOCATION		E/TIME	ORGANIC SAMPLE No.	QC Type
MH1PZ9	Subsurface Soil (>12")/ Alan Jones	ĽĠ	TM (21)	8311252 (Ice Only) (1)	BGH-SB(2)-68	S: 4/30/2007	8:50	H1PZ9	
MH1Q00	Surface Soil (0"-12")/ Alan Jones	L/G	TM (21)	8311256 (Ice Only) (1)	BGH-SF(0.5)-70	S: 4/30/2007	10:00	H1Q00	
MH1Q01	Subsurface Soil (>12")/ Alan Jones	L/G	TM (21)	8311259 (Ice Only) (1)	BGH-SB(2)-70	S: 4/30/2007	10:00	H1Q01	<u></u>
MH1Q02	Surface Soil (0"-12")/ Alan Jones	L/G	TM (21)	8311263 (Ice Only) (1)	BGH-SF(0.5)-51	S: 4/30/2007	10:40	H1Q02	- -
MH1Q03	Subsurface Soil (>12")/ Alan Jones	L/G	TM (21)	8311266 (Ice Only) (1)	BGH-SB(2)-51	S: 4/30/2007	10:40	H1Q03	
MH1Q04	Soil/Sediment/ Alan Jones	L/G	TM (21)	8311270 (Ice Only) (1)	BGH-SS(20)-51	S: 4/30/2007	11:10	H1Q04	
MH1Q05	Soil/Sediment/ Alan Jones	L/G	TM (21)	8311274 (Ice Only) (1)	BGH-SS(20)-57	S: 4/30/2007	11:15	H1Q05	Field Duplicate
MH1Q06	Soil/Sediment/ Alan Jones	L/G	TM (21)	8311278 (Ice Only) (1)	BGH-SS(22)-51	S: 4/30/2007	12:10	H1Q06	
MH1Q07	Surface Soil (0"-12")/ Alan Jones	L/G	TM (21)	8311282 (Ice Only) (1)	BGH-SF(0.5)-72	S: 4/30/2007	12:55	H1Q07	
MH1Q08	Subsurface Soil (>12")/ Alan Jones	L/G	TM (21)	8311285 (Ice Only) (1)	BGH-SB(2)-72	S: 4/30/2007	12:55	H1Q08	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
	MH1PY9, MH1YD5, MH1YD8			
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?	
TM = CLP TAL Total Me	rtais			

TR Number: 8-043013577-050107-0001

Case No: 36335 DAS No:

Region: Project Code:	8	Date Shipped: Carrier Name:		Chain of Custody R	ecord	Sampler Signature:	
Account Code:	,	Carrier Name: Airbill:	nand Delivered	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1			
Spill ID:		1	Inc.	,		 	
Site Name/State:	Bushnell General Hospital/UT		960 West LeVoy Drive Salt Lake City UT 84123	<u> </u>		<u></u>	
Project Leader:	Alan Jones	.	(801) 266-7700	3		1	•
Action:	Expanded Site Investigation/RI		, ,	ļ		 -	
Sampling Co:	Utah DEQ/DERR	1		4			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSISI TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		COLLECT E/TIME	ORGANIC SAMPLE No.	QÇ Type
MH1YC7	Surface Soil (0"-12")/ Alan Jones	L/G	TM (21)	8311291 (Ice Only) (1)	BGH-SF(0.5)-69	S: 4/30/2007	13:30	H1YC7	
MH1YC8	Subsurface Soil (>12")/ Alan Jones	L/G	TM (21)	8311292 (Ice Only) (1)	BGH-SB(2)-69	S: 4/30/2007	13:30	H1YC8	
MH1YC9	Surface Soil (0"-12")/ Alan Jones	L/G	TM (21)	8311298 (Ice Only) (1)	BGH-SF(0.5)-71	S: 4/30/2007	14:10	H1YC9	••
MH1YD0	Subsurface Soil (>12")/ Alan Jones	L/G	TM (21)	8311299 (Ice Only) (1)	BGH-SB(2)-71	S: 4/30/2007	14:10	H1YD0	
MH1YD1	Surface Soil (0"-12")/ Alan Jones	L/G	TM (21)	8311305 (Ice Only) (1)	BGH-SF(0.5)-65	S: 4/30/2007	14:40	H1YD1	
MH1YD2	Subsurface Soil (>12")/ Alan Jones	L/G	TM (21)	8311306 (Ice Only) (1)	BGH-SB(2)-65	S: 4/30/2007	14:40	H1YD2	
MH1YD3	Surface Soil (0"-12")	L/G	TM (21)	8311312 (Ice Only) (1)	BGH-SF(0.5)-67	S: 4/30/2007	15:00	H1YD3	
MH1YD4	Subsurface Soil (>12")/ Alan Jones	L∕G	TM (21)	8311313 (Ice Only) (1)	BGH-SB(2)-67	S: 4/30/2007	15:00	H1YD4	
MH1YD5	Surface Water/ Alan Jones	L/G	TM (21)	8311329 (HNO3), 8311330 (HNO3) (2)	BGH-SW-24	S: 4/30/2007	15:40	H1YD5	
MH1YD6	Surface Soil (0"-12")/ Alan Jones	L/G	TM (21)	8311333 (Ice Only) (1)	BGH-SF(0.5)-55	S: 4/30/2007	16:20	H1YD6	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Complete: N	MH1PY9, MH1YD5, MH1YD8	·	
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
TM = CLP TAL Total Me	etals		

TR Number: 8-043013577-050107-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

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Case No: 36
DAS No:

36335

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Region: Project Code:	8	Date Shipped:	5/1/2007 Cl	Chain of Custody I	Record	Sampler Signature:	
Account Code:	1	Carrier Name:	Hand Delivered	Relinguished By	(Date / Time)	Received By	(Date / Time)
Account Code.		Airbill:			`	 	
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1	•		
Spill ID:			Inc.			 	
Site Name/State:	Bushnell General Hospital/UT	1	960 West LeVoy Drive	2			
Project Leader:	Alan Jones	ì	Salt Lake City UT 84123 (801) 266-7700	3			
Action:	Expanded Site Investigation/RI	l	(001) 200 1100	1		 	
Action.	,			4			
0				14			

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		E/TIME	ORGANIC SAMPLE No.	QC Type
MH1YD7	Subsurface Soil (>12")/	L/G	TM (21)	8311334 (Ice Only) (1)	BGH-SB(2)-55	S: 4/30/2007	16:20	H1YD7	
MH1YD8	Alan Jones Soil/Sediment/ Alan Jones	L/G	TM (21)	8311338 (Ice Only) (1)	BGH-SS(20)-55	S: 4/30/2007	16:45	H1YD8	
MH1YD9	Soil/Sediment/ Alan Jones	L/G	TM (21)	8311342 (Ice Only) (1)	BGH-SS(35)-55	S: 4/30/2007	17:35	H1YD9	
MH1YE0	Ground Water/ Alan Jones	ĽG	TM (21)	8311350 (HNO3) (1)	BGH-GW-27	S: 5/1/2007	8:36	H1YE0	Rinsate

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
	MH1PY9, MH1YD5, MH1YD8			
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?	
TM = CLP TAL Total Me	itals			

TR Number: 8-043013577-050107-0001

Sampling Co:

Case No:

36335

DAS No:

Sampler Region: Chain of Custody Record 8 Date Shipped: 5/1/2007 Signature: Project Code: Carrier Name: Hand Delivered Relinquished By (Date / Time) Received By (Date / Time) Account Code: Airbill: CERCLIS ID: UTN000802148 Shipped to: Datachem Laboratories, Spill ID: 2 960 West LeVoy Drive Site Name/State: Bushnell General Hospital/UT Salt Lake City UT 84123 Project Leader: Alan Jones 3 (801) 266-7700 Expanded Site Investigation/RI Action: 4 Utah DEQ/DERR

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		COLLECT TIME	INORGANIC SAMPLE No.	QC Type
H1PY8	Surface Soil (0"-12")/ Jerry Cross	L/G	BNA (21), PEST (21)	8311217 (Ice Only), 8311218 (Ice Only) (2)	BGH-SF(0.5)-52	S: 4/27/2007	18:10	MH1PY8	.
H1PY9	Subsurface Soil (>12")/ Jerry Cross	L/G	BNA (21), PEST (21), VOA (21)	8311220 (Ice Only), 8311221 (Ice Only), 8311222 (Ice Only) (3)	BGH-SB(2)-52	S: 4/30/2007	18:10	MH1PY9	
H1PZ0	Soil/Sediment/ Jerry Cross	L/G	BNA (21), PEST (21), VOA (21)	8311224 (Ice Only), 8311225 (Ice Only), 8311226 (Ice Only) (3)	BGH-SS(20)-52	S: 4/27/2007	18:40	MH1PZ0	
H1PZ1	Surface Soil (0"-12")/ Jerry Cross	L/G	BNA (21), PEST (21)	8311228 (Ice Only), 8311229 (Ice Only) (2)	BGH-SF(0.5)-53	S: 4/28/2007	12:00	MH1PZ1	-
H1PZ2	Subsurface Soil (>12")/ Jerry Cross	L/G	BNA (21), PEST (21), VOA (21)	8311231 (Ice Only), 8311232 (Ice Only), 8311233 (Ice Only) (3)	BGH-SB(2)-53	S: 4/28/2007	12:00	MH1PZ2	
H1PZ3	Soil/Sediment/ Jerry Cross	L/G	BNA (21), PEST (21)	8311235 (Ice Only), 8311236 (Ice Only) (2)	BGH-SS(20)-53	S: 4/28/2007	12:15	MH1PZ3	. *-
H1PZ4	Surface Soil (0"-12")/ Jerry Cross	L/G	BNA (21), PEST (21)	8311238 (Ice Only), 8311239 (Ice Only) (2)	BGH-SF(0.5)-54	S: 4/29/2007	16:25	MH1PZ4	
H1PZ5	Subsurface Soil (>12")/ Jerry Cross	L/G	BNA (21), PEST (21), VOA (21)	8311241 (Ice Only), 8311242 (Ice Only), 8311243 (Ice Only) (3)	BGH-SB(2)-54	S: 4/29/2007	16:25	MH1PZ5	
H1PZ6	Soil/Sediment/ Jerry Cross	L/G	BNA (21), PEST (21)	8311245 (Ice Only), 8311246 (Ice Only) (2)	BGH-SS(17)-54	S: 4/29/2007	17:55	MH1PZ6	
H1PZ7	Ground Water/ Alan Jones	L/G	VOA (21)	8311247 (HCL), 8311248 (HCL) (2)	BGH-GW-11	S: 4/29/2007	22:00		Trip Blank

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
	H1PY9, H1YD5, H1YD8		
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
BNA = CLP TCL Semivo	platiles, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL	Volatiles	

TR Number: 8-043013577-050107-0002

Case No: 36335 DAS No:

Region: Project Code:	8	Date Shipped: Carrier Name:	5/1/2007 Hand Delivered	Chain of Custody Re	ecord	Sampler Signature:	
Account Code:	,	Airbill:		Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1			
Spill ID:	·	l	Inc.	2			
Site Name/State:	Bushnell General Hospital/UT		960 West LeVoy Drive Salt Lake City UT 84123				
Project Leader:	Alan Jones		(801) 266-7700	3	•	ľ	
Action:	Expanded Site Investigation/RI		, ,	\ 		 	
Sampling Co:	Utah DEQ/DERR			4			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		COLLECT E/TIME	INORGANIC SAMPLE No.	QC Type
H1PZ8	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311250 (Ice Only), 8311251 (Ice Only) (2)	BGH-SF(0.5)-68	S: 4/30/2007	8:50	MH1PZ8	
H1PZ9	Subsurface Soil (>12")/ Alan Jones	L∕G	BNA (21), PEST (21), VOA (21)	8311253 (Ice Only), 8311254 (Ice Only), 8311255 (Ice Only) (3)	BGH-SB(2)-68	S: 4/30/2007 .	8:50	MH1PZ9	
H1Q00	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311257 (Ice Only), 8311258 (Ice Only) (2)	BGH-SF(0.5)-70	S: 4/30/2007	10:00	MH1Q00	
H1Q01	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311260 (Ice Only), 8311261 (Ice Only), 8311262 (Ice Only) (3)	BGH-SB(2)-70	S: 4/30/2007	10:00	MH1Q01	
H1Q02	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)		BGH-SF(0.5)-51	S: 4/30/2007	10:40	MH1Q02	
H1Q03	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA ⁻ (21)	8311267 (Ice Only), 8311268 (Ice Only), 8311269 (Ice Only) (3)	BGH-SB(2)-51	S: 4/30/2007	10:40	MH1Q03	
H1Q04	Soil/Sediment/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311271 (Ice Only), 8311272 (Ice Only), 8311273 (Ice Only) (3)	BGH-SS(20)-51	S: 4/30/2007	11:10	MH1Q04	
H1Q05	Soil/Sediment/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311275 (Ice Only), 8311276 (Ice Only), 8311277 (Ice Only) (3)	BGH-SS(20)-57	S: 4/30/2007	11:15	MH1Q05	Field Duplicate
H1Q06	Soil/Sediment/ Alan Jones	ĽG	BNA (21), PEST (21), VOA (21)	8311279 (Ice Only), 8311280 (Ice Only), 8311281 (Ice Only) (3)	BGH-SS(22)-51	S: 4/30/2007	12:10	MH1Q06	·
H1Q07	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311283 (Ice Only), 8311284 (Ice Only) (2)	BGH-SF(0.5)-72	S: 4/30/2007	12:55	MH1Q07	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
	H1PY9, H1YD5, H1YD8			
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?	
BNA = CLP TCL Semive	olatiles, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL	. Volatiles		

TR Number: 8-043013577-050107-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

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Case No:

DAS No:

36335

Region: Project Code:	8	Date Shipped: Carrier Name:	5/1/2007 Hand Delivered	Chain of Custody F	Record	Sampler Signature:	
Account Code:		Airbill:	Tiding Dontolog	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1			
Spill ID:			Inc.			 	
Site Name/State:	Bushnell General Hospital/UT	}	960 West LeVoy Drive	2		<u> </u>	
Project Leader:	Alan Jones		Salt Lake City UT 84123 (801) 266-7700	3			
Action:	Expanded Site Investigation/RI	1	(55., 25555			 	
Sampling Co:	Utah DEO/DERR			4			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		COLLECT E/TIME	INORGANIC SAMPLE No.	QC Type
H1Q08	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311286 (Ice Only), 8311287 (Ice Only), 8311288 (Ice Only) (3)	BGH-SB(2)-72	S: 4/30/2007	12:55	MH1Q08	
H1YC7	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311289 (Ice Only), 8311290 (Ice Only) (2)	BGH-SF(0.5)-69	S: 4/30/2007	13:30	MH1YC7	
H1YC8	Subsurface Soil (>12")/ Alan Jones	Γ\G	BNA (21), PEST (21), VOA (21)	8311294 (Ice Only), 8311295 (Ice Only) (3)	BGH-SB(2)-69	S: 4/30/2007	13:30	MH1YC8	
H1YC9	Surface Soil (0"-12")/ Alan Jones	ĽG	BNA (21), PEST (21)	8311296 (Ice Only), 8311297 (Ice Only) (2)	BGH-SF(0.5)-71	S: 4/30/2007	14:10	MH1YC9	
H1YD0	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311300 (Ice Only), 8311301 (Ice Only), 8311302 (Ice Only) (3)	BGH-SB(2)-71	S: 4/30/2007	14:10	MH1YD0	
H1YD1	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311303 (Ice Only), 8311304 (Ice Only) (2)	BGH-SF(0.5)-65	S: 4/30/2007	14:40	MH1YD1	
H1YD2	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311307 (Ice Only), 8311308 (Ice Only), 8311309 (Ice Only) (3)	BGH-SB(2)-65	S: 4/30/2007	14:40	MH1YD2	·
H1YD3	Surface Soil (0"-12")	L/G	BNA (21), PEST (21)	8311310 (Ice Only), 8311311 (Ice Only) (2)	BGH-SF(0.5)-67	S: 4/30/2007	15:00	MH1YD3	
H1YD4	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	, 8311314 (Ice Only), 8311315 (Ice Only), 8311316 (Ice Only) (3)	BGH-SB(2)-67	S: 4/30/2007	15:00	MH1YD4	

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:	
OSTIPLE : 11	H1PY9, H1YD5, H1YD8			
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?	
BNA = CLP TCL Semivo	olatiles, PEST = CLPTCL Pesticide/PCBs, VOA = CLPTCL	Volatiles		

TR Number: 8-043013577-050107-0002

Case No:

DAS No:

36335

R

Region:	8	Date Shipped:	e: Hand Delivered	Chain of Custody Re	cord	Sampler Signature:	
Project Code:	,	Carrier Name:		Relinquished By	(Date / Time)	Received By	(Date / Time)
Account Code:	l de la companya de	Airbill:		Tromiquionou by	(50.5, 100)		(Sate: time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1		1	1
Spill ID:			inc.	<u> </u>		 	
Site Name/State:	Bushnell General Hospital/UT	1	960 West LeVoy Drive	2	<u> </u>		
Project Leader:	Alan Jones	}	Salt Lake City UT 84123 (801) 266-7700	3			
Action:	Expanded Site Investigation/RI	1	(001) 200 1100			 	
Sampling Co:	Utah DEQ/DERR	1		4			

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		COLLECT E/TIME	INORGANIC SAMPLE No.	QC Type
H1YD5	Surface Water/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311317 (Ice Only), 8311318 (Ice Only), 8311319 (Ice Only), 8311320 (Ice Only), 8311321 (Ice Only), 8311322 (Ice Only), 8311323 (HCL), 8311324 (HCL), 8311325 (HCL), 8311326 (HCL), 8311327 (HCL), 8311328 (HCL) (12)	BGH-SW-24	S: 4/30/2007	15:40	MH1YD5	-
H1YD6	Surface Soil (0"-12")/ Alan Jones	L/G	BNA (21), PEST (21)	8311331 (Ice Only), 8311332 (Ice Only) (2)	BGH-SF(0.5)-55	S: 4/30/2007	16:20	MH1YD6	 .
H1YD7	Subsurface Soil (>12")/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311335 (Ice Only), 8311336 (Ice Only), 8311337 (Ice Only) (3)	BGH-SB(2)-55	S: 4/30/2007	16:20	MH1YD7	
H1YD8	Soil/Sediment/ Alan Jones	L∕G	BNA (21), PEST (21), VOA (21)		BGH-SS(20)-55	S: 4/30/2007	16:45	MH1YD8	
H1YD9	Soil/Sediment/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)		BGH-SS(35)-55	S: 4/30/2007	17:35	MH1YD9	
H1YE0	Ground Water/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)		BGH-GW-27	S: 5/1/2007	8:36	MH1YE0	Rinsate

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: H1PY9, H1YD5, H1YD8	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
BNA = CLP TCL Semive	platiles, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL	Volatiles	

TR Number: 8-043013577-

8-043013577-050107-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

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F2V5.1.047 Page 4 of 4

Case No: 36335

DAS No:

Region: Project Code:	8		-	Date Shipped:	Carrier Name: Hand Delivered			Chain of Custody Record			Sampler Signature:	
Account Code:				Airbill:		Relinquishe	d By	(Date /	Time)	Received By	(Date / Time)	
CERCLIS ID:	UTN000802	UTN000802148 Bushnell General Hospital/UT Alan Jones		Shipped to:	ped to: Datachem Laboratories,	1		- 				
Spill ID:				1	Inc. 960 West LeVoy Drive		2				1	
Site Name/State	Businion G			Salt Lake City UT 84123		ļ						
Project Leader:	,			1	(801) 266-7700	3				,		
Action:	Expanded §	Site Investiga	ation/HI	1	• •						 	
Sampling Co:	Utah DEQ/[DERR		<u> </u>			L ⁴				<u> </u>	
INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND		No./ TIVE/ Bottles	STATION LOCATION			E COLLECT		IGANIC IPLE No.	QC Type
MH1YE3	Ground Water/ Alan Jones	ĽĠ	TM (21)	8311409 (HNC)3) (1)	BGH-GW-0	0 S: 5	6/3/2007	16:10	H1YE3		

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
TM = CLP TAL Total Me	etais		

TR Number: 8-043013577-050307-0001

Case No: 36335

DAS No:

Region: Project Code:		Date Shipped:	5/4/2007 Hand Delivered	Chain of Custody	Record	Sampler Signature:	
Account Code:	,	Carrier Name: Airbill:	nanu Delivered	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1			
Spill ID:	·	1	Inc.	<u></u>		 	
Site Name/State:	Bushnell General Hospital/UT	1	960 West LeVoy Drive	2		<u></u>	
Project Leader:	Alan Jones		Salt Lake City UT 84123 (801) 266-7700	3			
Action:	Expanded Site Investigation/RI		, ,			+	
Sampling Co:	Utah DEQ/DERR			4			
	MATRIX/ CONC/ ANALYSS	TAGI	No./ STATION	SAMPI	LE COLLECT INC	RGANIC	00

Sampling Co.	Otali DEG/L	/LI II I		<u> </u>						
ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		E COLLECT TE/TIME	INORGANIC SAMPLE No.	QC Type	
H1YE1	Ground Water/ Alan Jones	IJĠ	VOA (21)	8311401 (HCL), 8311402 (HCL) (2)	BGH-GW-12	S: 5/3/2007	14:45		Trip Blank	
H1YE3	Ground Water/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311405 (ice Only), 8311406 (ice Only), 8311407 (HCL), 8311408 (HCL) (4)	BGH-GW-00	S: 5/3/2007	16:10	MH1YE3		

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
BNA = CLP TCL Sen	ivolatiles, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TC	L Volatiles	

TR Number: 8-043013577-050307-0002

Site Name/State:

Project Leader:

Action: Sampling Co:

USEPA Contract Laboratory Program Inorganic Traffic Report & Chain of Custody Record

Case No:

DAS No:

36335

Sampler

Region: R Project Code: Account Code: CERCLIS ID: UTN000802148 Spill ID:

Alan Jones

Utah DEQ/DERR

Bushnell General Hospital/UT

Expanded Site Investigation/RI

Carrier Name: Airbill: Shipped to:

Date Shipped:

5/7/2007 Hand Delivered Chain of Custody Record

2

3

Signature: Relinquished By (Date / Time) Received By (Date / Time)

Datachem Laboratories.

960 West LeVoy Drive Salt Lake City UT 84123

(801) 266-7700

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ANALYSIS/ TAG No./ STATION SAMPLE COLLECT **ORGANIC** OC. MATRIX/ CONC/ INORGANIC TURNAROUND PRESERVATIVE/ Bottles LOCATION DATE/TIME Type TYPE SAMPLE NO. SAMPLER SAMPLE No. 8311414 (HNO3) (1) BGH-GW-03 S: 5/4/2007 11:25 H1YF4 1/G TM (21) MH1YF4 Ground Water/ Jerry Cross L/G TM (21) 8311419 (HNO3) (1) BGH-GW-01 S: 5/4/2007 15:55 H1YE5 MH1YF5 Ground Water/ Jerry Cross MH1YE6 Ground Water/ L/G TM (21) 8311432 (HNO3), 8311433 BGH-GW-02 S: 5/5/2007 9:30 H1YF6 Alan Jones (HNO3) (2) L/G TM (21) 8311438 (HNO3) (1) BGH-GW-08 H1YE7 MH1YE7 Ground Water/ S: 5/5/2007 11:10 Rinsate Alan Jones TM (21) L/G H1YE8 Field Blank MH1YF8 Ground Water/ 8311443 (HNO3) (1) BGH-GW-07 S: 5/5/2007 11:45 Alan Jones Ground Water/ L/G TM (21) 8311448 (HNO3) (1) BGH-GW-05 S: 5/5/2007 15:50 H1YE9 MH1YE9 Alan Jones 8311503 (HNO3) (1) MH1YF0 Ground Water/ L/G TM (21) BGH-GW-06 S: 5/5/2007 16:05 H1YF0 Field Duplicate Alan Jones Ground Water/ TM (21) 8311508 (HNO3) (1) BGH-GW-04 MH1YF1 L/G S: 5/5/2007 13:45 H1YF1 Alan Jones

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: MH1YE6	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
TM = CLP TAL Total Me	etais	,	

TR Number: 8-043013577-050507-0003

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/818-4602

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F2V5.1.047 Page 1 of 1

Case No:

36335

DAS No:

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Region: Project Code:	8	Date Shipped: Carrier Name:	5/7/2007 Hand Delivered	Chain of Custody Re	ecord	Sampler Signature:	
Account Code:	,	Airbill:	Tiding Delivered	Relinquished By	(Date / Time)	Received By	(Date / Time)
CERCLIS ID:	UTN000802148	Shipped to:	Datachem Laboratories,	1			
Spill ID:			Inc.	2		 	
Site Name/State:	Bushnell General Hospital/UT	ł	960 West LeVoy Drive Salt Lake City UT 84123			<u> </u>	
Project Leader:	Alan Jones	Į.	(801) 266-7700	3			
Action:	Expanded Site Investigation/RI	l	(,	<u> </u>		 	
Sampling Co:	Utah DEQ/DERR			4	_		

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		E COLLECT TE/TIME	INORGANIC SAMPLE No.	QC Type
H1YE2	Ground Water/ Alan Jones	L/G	VOA (21)	8311403 (HCL), 8311404 (HCL) (2)	BGH-GW-13	S: 5/3/2007	14:45		Trip Blank
H1YE4	Ground Water/ Jerry Cross	L/G	BNA (21), PEST (21), VOA (21)	8311410 (Ice Only), 8311411 (Ice Only), 8311412 (HCL), 8311413 (HCL) (4)	BGH-GW-03	S: 5/4/2007	11:25	MH1YE4	-
H1YE5	Ground Water/ Jerry Cross	ĽG	BNA (21), PEST (21), VOA (21)	8311415 (Ice Only), 8311416 (Ice Only), 8311417 (HCL), 8311418 (HCL) (4)	BGH-GW-01	S: 5/4/2007	15:55	MH1YE5	
H1YE6	Ground Water/ Alan Jones	L∕G	BNA (21), PEST (21), VOA (21)	8311420 (Ice Only), 8311421 (Ice Only), 8311422 (Ice Only), 8311423 (Ice Only), 8311424 (Ice Only), 8311425 (Ice Only), 8311426 (HCL), 8311427 (HCL), 8311428 (HCL), 8311429 (HCL), 8311430 (HCL), 8311431 (HCL) (12)	BGH-GW-02	S: 5/5/2007	9:30	MH1YE6	
H1YE7	Ground Water/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311434 (Ice Only), 8311435 (Ice Only), 8311436 (HCL), 8311437 (HCL) (4)	BGH-GW-08	S: 5/5/2007	11:10	MH1YE7	Rinsate
. H1YE8	Ground Water/ Alan Jones	IJĠ	BNA (21), PEST (21), VOA (21)		BGH-GW-07	S: 5/5/2007	11:45	MH1YE8	Field Blank

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC: H1YE6	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M ≈ Low/Medium, H ≈ High	Type/Designate: Composite = C, Grab = G	Shipment Iced?
BNA = CLP TCL Semivo	olatiles, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL	Volatiles	

TR Number: 8-043013577-050507-0004

Case No:

DAS No:

36335

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Sampler Chain of Custody Record Region: 8 Date Shipped: 5/7/2007 Signature: Project Code: Carrier Name: Hand Delivered Relinquished By (Date / Time) Received By (Date / Time) Account Code: Airbill: CERCLIS ID: UTN000802148 Shipped to: Datachem Laboratories. Spill ID: 2 960 West LeVoy Drive Site Name/State: Bushnell General Hospital/UT Salt Lake City UT 84123 Project Leader: Alan Jones 3 (801) 266-7700 Expanded Site Investigation/RI Action: 4 Utah DEQ/DERR Sampling Co:

ORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION		E COLLECT TE/TIME	INORGANIC SAMPLE No.	QC Type
H1YE9	Ground Water/ Alan Jones	L/G	BNA (21), PEST (21), VOA (21)	8311444 (Ice Only), 8311445 (Ice Only), 8311446 (HCL), 8311447 (HCL) (4)	BGH-GW-05	S: 5/5/2007	15:50	MH1YE9	<u> </u>
H1YF0	Ground Water/ Alan Jones	NG	BNA (21), PEST (21), VOA (21)		BGH-GW-06	S: 5/5/2007	16:05	MH1YF0	Field Duplicate
H1YF1	Ground Water/ Alan Jones	L∕G	BNA (21), PEST (21), VOA (21)		BGH-GW-04	S: 5/5/2007	13:45	MH1YF1	

Shipment for Case Complete? Y	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s):	Chain of Custody Seal Number:				
Complete? 1	H1YE6						
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced?				
BNA = CLP TCL Semivo	BNA = CLP TCL Semivolatiles, PEST = CLP TCL Pesticide/PCBs, VOA = CLP TCL Volatiles						

TR Number: 8-043013577-050507-0004

Region 8 Laboratory Assignment Notification Shipweek 04/22/2007

Case Number: 36335

Project Code:

Site: BUSHNELL GENERAL HOSPITAL

City, State: BRIGHAM CITY, UT

CERCLIS: UTN000802148

SSID: ZZ

Operable Unit: 00

Purpose: Site Investigation (Unspecified) Shipping Period: 04/24/2007 - 05/04/2007

Sampler, Sampling Co.: Alan Jones, Utah Dept of Environmental Quality (Div Emerg

Response)

Comments: 2 week Case (4/23 and 4/30) Inorganic samples will be analyzed under

ILM05.4.

Laboratory

Datachem Laboratories, Inc.

Contract: EPW05026

DATAC

Cost Lot: A

960 West LeVoy Drive

Salt Lake City, UT 84123

Phone: (801) 266-7700

Laboratory Contact: Roxanne Olson

Sample Custodian: Justin Pate

Method	Samples Scheduled	Turnaround Time	Modified Analysis
SOM01.1	9 WATER SVOA,ARO,PEST	21	
SOM01.1	14 WATER TVOA	21	
SOM01.1	31 SOIL VOA	21	
SOM01.1	47 SOIL SVOA,ARO,PEST	21	

Key					
ILM	Ag - Silver	Cd - Cadmium	filtered - samples filtered in the field	Na - Sodium	V - Vanadium
	Al - Aluminum	CN - Cyanide	Hg - Mercury	Ni - Nickel	Zn - Zinc
	As - Arsenic	Co - Cobalt	ICP Metals - TAL Metals without Hg	Pb - Lead	
	Ba - Barium	Cr - Chromium	K - Potassium	Sb - Antimony	
	Be - Beryllium	Cu - Copper	Mg - Magnesium	Se - Selenium	
	Ca - Calcium	Fe - Iron	Mn - Manganese	TI - Thallium	
OLM/OLC	BNA - Semivolatiles	PEST - Pesticides/PCBs	VOA - Volatiles		

SOM	ARO - Aroclors	PEST - Pesticides	SVOA - Semivolatiles	SVSIM - SIM SVOA	TVOA - Trace Volatiles
	TVSIM - SIM TVOA	VOA - Volatiles			
ALL	PR - Preliminary Results				:

Region 8 Laboratory Assignment Notification Shipweek 04/22/2007

Case Number: 36335

Project Code:

Site: BUSHNELL GENERAL HOSPITAL

City, State: BRIGHAM CITY, UT

CERCLIS: UTN000802148

SSID: ZZ

Operable Unit: 00

Purpose: Site Investigation (Unspecified) Shipping Period: 04/24/2007 - 05/04/2007

Sampler, Sampling Co.: Alan Jones, Utah Dept of Environmental Quality (Div Emerg

Response)

Comments: 2 week Case (4/23 and 4/30) Inorganic MA 1441.1 Solicitation 243

Laboratory

Datachem Laboratories, Inc.

Contract: EPW06054

DATAC

Cost Lot: D

960 West LeVoy Drive Salt Lake City, UT 84123

Phone: (801) 266-7700

Laboratory Contact: Roxanne Olson Sample Custodian: Justin Pate

Method	Samples Scheduled	Turnaround Time	Modified Analysis
ILM05.4 ICP-MS	9 WATER Hg,ICP Metals	21	
ILM05.4 ICP-MS	47 SOIL Hg	21	1441.1
ILM05.4 ICP-MS	47 SOIL ICP Metals	21	1441.1

Laboratory

Datachem Laboratories, Inc.

Contract: EPW05026

DATAC

Cost Lot: A

960 West LeVoy Drive

Salt Lake City, UT 84123

Phone: (801) 266-7700

Laboratory Contact: Roxanne Olson Sample Custodian: Justin Pate

Method

Samples Scheduled

Turnaround Time

Modified Analysis

SOM01.1

9 WATER

21

SVOA, ARO, PEST

 SOM01.1
 14 WATER TVOA
 21

 SOM01.1
 31 SOIL VOA
 21

 SOM01.1
 47 SOIL
 21

 SVOA,ARO,PEST
 21

			Key		
iLM	Ag - Silver	Cd - Cadmium	filtered - samples filtered in the field	Na - Sodium	V - Vanadium
	Al - Aluminum	CN - Cyanide	Hg - Mercury	Ni - Nickel	Zn - Zinc
	As - Arsenic	Co - Cobalt	ICP Metals - TAL Metals without Hg	Pb - Lead	
	Ba - Barium	Cr - Chromium	K - Potassium	Sb - Antimony	
	Be - Beryllium	Cu - Copper	Mg - Magnesium	Se - Selenium	
	Ca - Calcium	Fe - Iron	Mn - Manganese	TI - Thallium	
OLM/OLC	BNA - Semivolatiles	PEST - Pesticides/PCBs	VOA - Volatiles		
SOM	ARO - Aroclors	PEST - Pesticides	SVOA - Semivolatiles	SVSIM - SIM SVOA	TVOA - Trace Volatiles
	TVSIM - SIM TVOA	VOA - Volatiles			
ALL	PR - Preliminary Results				

Region 8 Laboratory Assignment Notification Shipweek 04/29/2007

Case Number: 36335

Project Code:

Site: BUSHNELL GENERAL HOSPITAL

City, State: BRIGHAM CITY, UT

CERCLIS: UTN000802148

SSID: ZZ

Operable Unit: 00

Purpose: Site Investigation (Unspecified) Shipping Period: 04/24/2007 - 05/04/2007

Sampler, Sampling Co.: Alan Jones, Utah Dept of Environmental Quality (Div Emerg

Response)

Comments: 2 week Case (4/23 and 4/30) Inorganic MA 1441.1 Solicitation 243

Laboratory

Datachem Laboratories, Inc.

Contract: EPW06054

DATAC

Cost Lot: D

960 West LeVoy Drive

Salt Lake City, UT 84123

Phone: (801) 266-7700

Laboratory Contact: Roxanne Olson Sample Custodian: Justin Pate

Method	Samples Scheduled	Turnaround Time	Modified Analysis
ILM05.4 ICP-MS	9 WATER Hg,ICP Metals	21	
ILM05.4 ICP-MS	46 SOIL Hg	21	1441.1
ILM05.4 ICP-MS	46 SOIL ICP Metals	21	1441.1

Laboratory

Datachem Laboratories, Inc.

Contract: EPW05026

DATAC

Cost Lot: A

960 West LeVoy Drive

Salt Lake City, UT 84123

Phone: (801) 266-7700

Laboratory Contact: Roxanne Olson Sample Custodian: Justin Pate

Method

Samples Scheduled

Turnaround Time

Modified Analysis

SOM01.1

8 WATER

21

SVOA, ARO, PEST

 SOM01.1
 13 WATER TVOA
 21

 SOM01.1
 30 SOIL VOA
 21

 SOM01.1
 46 SOIL
 21

 SVOA,ARO,PEST
 21

			Key		
ILM	Ag - Silver	Cd - Cadmium	filtered - samples filtered in the field	Na - Sodium	V - Vanadium
	Al - Aluminum	CN - Cyanide	Hg - Mercury	Ni - Nickel	Zn - Zinc
	As - Arsenic	Co - Cobalt	ICP Metals - TAL Metals without Hg	Pb - Lead	
	Ba - Barium	Cr - Chromium	K - Potassium	Sb - Antimony	
	Be - Beryllium	Cu - Copper	Mg - Magnesium	Se - Selenium	
	Ca - Calcium	Fe - Iron	Mn - Manganese	TI - Thallium	
OLM/OLC	BNA - Semivolatiles	PEST - Pesticides/PCBs	VOA - Volatiles		
SOM	ARO - Aroclors	PEST - Pesticides	SVOA - Semivolatiles	SVSIM - SIM SVOA	TVOA - Trace Volatiles
	TVSIM - SIM TVOA	VOA - Volatiles			
ALL	PR - Preliminary Results				

Appendix G

Un-validated Data from Contract Laboratory Program

(BOUND SEPARATELY)

Appendix H

Asbestos Results

DIXON INFORMATION INC.

MICROSCOPY, ASBESTOS ANALYSIS & CONSULTING — A.I.H.A. ACCREDITED LABORATORY # 101579 NYLAD LAB CODE 101012-0

May 12, 2007

Invoice # 74184

Diane Hernandez Utah Division of Air Quality 150 North 1950 West Salt Lake City UT. 84116

Thank you for submitting samples for asbestos analysis at Dixon Information, Inc. The charge for billing is as follows:

Ref Batch #:

74184

Hygienist:

Alan Jones

Project:

Bushnell General Hospital, Brigham

Project #:

CERCLIS #: UTN000802148

Number of Samples:

18

18 Non rush bulk samples at: \$ 17.00

BILLING FOR THIS BATCH:

\$ 306.00

Alyce Dixon, Accounts and Billing

RECEIVED

MAY 1 6 2007

DEQ Environmental Response & Remediation

DIXON INFORMATION INC.

MICROSCOPY, ASBESTOS ANALYSIS & CONSULTING A.I.H.A. ACCREDITED LABORATORY # 101579 MYLAD LAB CODE 101012-0

May 12, 2007

Mr. Alan Jones Utah Division of Air Quality 168 North 1950 West P.O. Box 144840 Salt Lake City, UT 84114-4840

Ref: Batch # 74184, Lab # DAQ271 - DAQ288

Received May 4, 2007

Test report

Bushnell General Hospital, Brigham City, UT

CERCLIS #: UTN000802148

PO # 74-58

Sampled by Alan Jones, 5/2/07

Dear Mr. Jones:

Samples DAQ271 through DAQ288 have been analyzed by visual estimation based on EPA-600/M4-82-020 December 1982 optical microscopy test method. Appendix "A" contains statements which an accredited laboratory must make to meet the requirements of accrediting agencies. It also contains additional information about the method of analysis. This analysis is accredited by NVLAP. Appendix "A" must be included as an essential part of this test report.

This report may be reproduced but all reproduction must be in full unless written approval is received from the laboratory for partial reproduction. The results of analysis are as follows:

<u>Lab DAO271, Field BGH-0T-30</u> 9:10, Fenceline N of driving range This is 2% organic fiber in brown soil with sand and rock. **Asbestos is none detected.**

<u>Lab DAO272</u>, Field BGH-0T-31 9:30, S end of park @ 500 E and 700 So. This is 1% organic fiber in brown soil with sand and rocks. **Asbestos is none detected.**

<u>Lab DAQ273</u>, Field BGH-0T-32 9:50, NW corner of back patio @ 803 S 400 E This is 2% organic fiber in brown soil with sand and rocks. **Asbestos is none detected.**

<u>Lab DAQ274</u>, Field BGH-0T-33 10:00, Flowerbed near SE corner of S wing @ 304 E 800 So. This is less than 1% organic fiber in brown sandy soil with rock and a trace of mineral wool, paint and debris. **Asbestos is none detected.**

-78 WEST 2400 SOUTH • SOUTH SALT LAKE, UTAH 84115-3013= _PHONE 801-486-0800 • FAX 801-486-0849 • RES. 801-571-7695= Batch # 74184 Lab # DAQ271 - DAQ288 Page 2 of 3

<u>Lab DAQ275</u>, Field <u>BGH-0T-34</u> 10:15, SE side of building on SE corner of 200 E and 800 So. This is 3% organic fiber in brown soil with sand, rocks, glass fragments, paint and debris. **Asbestos is none detected.**

<u>Lab DAQ276</u>, Field BGH-0T-35 10:30, Vacant lot at about 750 So and 200 E-W side of 200 E. This is 5% organic fiber in brown soil with sand and rocks. **Asbestos is none detected.**

Lab DAQ277, Field BGH-0T-36 10:50, Vacant lot about 880 So. And 200 E-W side of 200 E. This is a non homogeneous mixture of sandy white plaster, paint chips, mineral wool, glass fragments, organic fiber, sand, rocks, soil and debris. **Asbestos is none detected.**

<u>Lab DAQ278, Field BGH-0T-37</u> 11:10, From fill piles on E side of 200 W between 900 So and 950 So

This is less than 1% organic fiber in brown sandy soil with rock and white sandy plaster. **Asbestos** is none detected.

<u>Lab DAQ279</u>, Field BGH-0T-38 11:25, Vacant lot on NW corner of 200 E and 1000 So. This is less than 1% organic fiber in brown soil with sand, rocks and white plaster. **Asbestos is none detected.**

<u>Lab DAQ280</u>, Field BGH-0T-39 11:50, Vacant lot on S side of 900 S between 400 E. and 450 E. This is less than 1% organic fiber in brown sandy soil with rock and white sandy plaster. **Asbestos is none detected.**

<u>Lab DAQ281, Field BGH-0T-40</u> 12:10, Vacant lot S side of 925 S @ about 475 E This is less than 1% organic fiber in brown sandy soil with rocks and sandy white plaster. **Asbestos is none detected.**

<u>Lab DAQ282, Field BGH-0T-41</u> 12:25, Vacant lot behind apartment on NW corner of 900 So. and 500 E

This is less than 1% organic fiber in brown soil with sand and rocks. Asbestos is none detected.

<u>Lab DAQ283</u>, Field BGH-0T-42 13:45, Vacant lot on N side of 900 So between 400 E and 450 E This is less than 1% organic fiber in brown soil with sand, rocks and white plaster. **Asbestos is none detected.**

<u>Lab DAQ284</u>, Field BGH-0T-43 13:05, Vacant lot on N side of 900 So between 300 E and 450 E This is less than 1% organic fiber in brown soil with sand and rocks. **Asbestos is none detected.**

Batch #74184 Lab #DAQ271-DAQ288 Page 3 of 3

<u>Lab DAQ285</u>, Field BGH-0T-44 13:30, Vacant lot east of 16th tee boxes This is 1% organic fiber in brown soil with sand and rocks. **Asbestos is none detected.**

<u>Lab DAQ286</u>, Field BGH-0T-45 14:30, Building on NE corner of 1000 So and 400 E This is 3% organic fiber in brown soil with sand, rocks, paint and debris. **Asbestos is none detected.**

<u>Lab DAQ287</u>, Field BGH-0T-46 14:45, Building on NW corner of 1000 So. And 400 E This is 1% organic fiber in brown soil with sand, rocks, paint, glass fragments and debris. **Asbestos is none detected.**

<u>Lab DAQ288</u>, Field BGH-0T-47 15:00, SE side of burned out building N of 950 So This is 1% organic fiber and less than 1% mineral wool in brown soil with sand, rocks, plastic, paint, glass fragments and debris. **Asbestos is none detected.**

In order to be sure reagents and tools used for analysis are not contaminated with asbestos, blanks are tested. Asbestos was none detected in the blanks tested with this bulk sample set.

Very truly yours,

Steve H. Dixon, President

Analyst: Steve H. Dixon Date Analyzed: 5/11/07

Traffic Report and Chain of Custody Record

Utah Department of Environmental Quality/Division of Environmental Response and Remediation

ित्र कि 168 North 1950 West, P.O. Box 144840, Salt Lake City, Utah 84114-4840

Diane Herrandez 536-4100 P.O. Number: 74-58 Bushnell General Hospital Project: Laboratory: Dixon Information Brigham City, Utah CHAIN OF CUSTODY 78 West 2400 South Location: Address: South Salt Lake City, CERCLIS #: UTN000802148 Şignature Date/Time 4/07/130 Utah 84115 Alan V. Jones Submitted by: Contact: 801-536-4287 801-486-0800 Received by Lab: Phone: Phone: Received by Analyst: ajones@utah.gov Fax: 801-486-0849 5-11-07 1000 email: SI sampling Contact: Returned to Lab: Action:

Analysis Requested	Field Number	Description of Sample	Sample Date	Sample Time	Lab#
Asbestos (Non-rush)	BGH-OT-30	Fenceline N of driving range	5/2/2007	9:10	777
Asbestos (Non-rush)	BGH-OT-31	S end of park @ 500 E & 700 S	5/2/2007	9:30	272
Asbestos (Non-rush)	BGH-OT-32	NW corner of back patio @ 803 S 400 E	5/2/2007	9:50	273
Asbestos (Non-rush)	BGH-OT-33	Flowerbed near SE corner of S wing @ 304 E 800 S	5/2 / 2007	10:00	274
Asbestos (Non-rush)	BGH-OT-34	SE side of building on SE corner of 200 E & 800 S	5/2/2007	10:15	7.75
Asbestos (Non-rush)	BGH-OT-35	Vacant lot at about 750 S & 200 E - W side of 200 E	5/2/2007	10:30	276
Asbestos (Non-rush)	BGH-OT-36	Vacant lot at about 880 S & 200 E - W side of 200 E	5/2/2007	10:50	277
Asbestos (Non-rush)	BGH-OT-37	From fill piles on E side of 200 W between 900 S & 950 S	5/2/2007	11:10	278
Asbestos (Non-rush)	BGH-OT-38	Vacant lot on NW corner of 200 E & 1000 S	5/2/2007	11:25	279
Asbestos (Non-rush)	BGH-OT-39	Vacant lot on S side of 900 S between 400 E & 450 E	5/2/2007	11:50	280
Asbestos (Non-rush)	BGH-OT-40	Vacant lot S side of 925 S @ about 475 E	5/2/2007	12:10	281
Asbestos (Non-rush)	BGH-OT-41	Vacant lot behind apartment on NW corner of 900 S & 500 E	5/2/2007	12:25	287
Asbestos (Non-rush)	BGH-OT-42	Vacant lot on N side of 900 S between 400 E & 450 E	5/2/2007	12:45	Z83
Asbestos (Non-rush)	BGH-OT-43	Vacant lot on N side of 900 S between 300 E & 400 E	5/2/2007	13:05	284
Asbestos (Non-rush)	BGH-OT-44	Vacant lot east of 16th tee boxes	5/2/2007	13:30	28 <i>5</i>
Asbestos (Non-rush)	BGH-OT-45	Buildings on NE corner of 1000 S & 400 E	5/2/2007	14:30	286
Asbestos (Non-rush)	BGH-OT-46	Buildings on NW corner of 1000 S & 400 E	5/2/2007	14:45	787
Asbestos (Non-rush)	BGH-OT-47	SE side of burned out building N of 950 S	5/2/2007	15:00	ZSX

Samplers Signature:	Additional Sampler(s):	Traffic Report #: UT - 411422509 - 05022007
Comments:		

APPENDIX "A"

"This report relates only to the items tested. This report must not be used to claim product endorsement by NVLAP or AIHA."

NVLAP and AIHA requires laboratories to state the condition of samples received for testing: These samples are in acceptable condition for analysis unless there is a statement in the report of analysis that a test item has some characteristics or condition that precludes analysis or requires a modification of standard analytical methodology. If a test item is not acceptable, the reasons for non-acceptability will be given under the laboratory number for that particular test item.

METHODS OF ANALYSIS AND LIMIT OF DETECTION

The accuracy of asbestos analysis in bulk samples increases with increasing concentration of asbestos.

There are two methods for analysis of asbestos in a bulk test sample. Visual estimation is the most sensitive method. If an analyst makes a patient search, 0.1% or less asbestos can be detected in a bulk sample.

The second method of analysis is a statistical approach called point counting. EPA will not accept visual estimations if a laboratory detects a trace of asbestos in a sample i.e. anything less than 1% asbestos. Government agencies regulate asbestos containing materials (ACM) whenever the ACM is 1% or more, especially if the ACM relate to schools or demolitions.

Due to the higher charge for a point count analysis, Dixon Information Inc. does not perform a point count unless authorized to do so by the client. If a sample is point counted, chemical treatments will also be used to concentrate the asbestos in the sample. This is permitted by the EPA method and it increases the accuracy of the analysis.

SITE INSPECTION ANALYTICAL RESULTS REPORT

BUSHNELL GENERAL HOSPITAL

Box Elder County, Utah UTN000802148

APPENDIX G Un-validated Data from Contract Laboratory Program

(data was not validated as per EPA Project Manager's instructions)





Bushnell General Hospital Un-validated Data

(data was not validated as per EPA Project Manager's instructions)

Organic Results (VOC, SVOC, PCB/Pesticides)

Ground-Water Samples

EPA SAMPLE NO.

H1PW2

OLM04.2

Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1FW2 Matrix: (soil/water) WATER Lab Sample ID: 7116028001 Sample wt/vol: 25 (g/mL) mL Lab File ID: Level: (low/med) LOW Date Received: 04/26/2007 % Moisture: not dec. NA Date Analyzed: 4/30/2007 GC Column: ID: (mm) Dilution Factor: 1 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CAS NO. COMPOUND CONCENTRATION UNITS: Q CAS NO. COMPOUND	Lab Name:I	DataChem Laboratories, Inc. Contract:		(BGH-GW	-10)
Lab File ID: Lab File ID: Lab File ID: Lab File ID: Level: (low/med) LOW					11PW2
Moisture: not dec. NA	Matrix: (soil	/water) <u>WATER</u> L	ab Sample ID:	71160280	001
* Moisture: not dec. NA Date Analyzed: 4/30/2007 GC Column: ID: (mm) Dilution Factor: 1 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L 75-71-8 Dichlorodifluoromethane 0.5 U 74-87-3 Chloromethane 0.5 U 74-83-9 Bromomethane 0.5 U 75-01-4 Vinyl chloride 0.5 U 75-09-3 Chloroethane 0.5 U 75-69-4 Trichlorofluoromethane 0.5 U 76-13-1 1,1-Dichloroethene 0.5 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 0.5 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 0.5 U 79-20-9 Methyl acetate 0.5 U 75-09-2 Methyl acetate 0.5 U 75-09-2 Methyl acetate 0.5 U 75-09-2 Methyl acetate 0.5 U 75-33-4 1,1-Dichloroethene 0.5 U 75-34-3 1,1-Dichloroethene 0.5 U 75-35-31 1,1-Dichloroethene 0.5 U 75-39-20 Methyl acetate 0.5 U 75-39-21 Methylene chloride 0.5 U 75-39-3 2,2-Dichloroethene 0.5 U 75-39-3 1,1-Dichloroethene 0.5 U 75-39-3 2-Butanone 0.5 U 75-36-3 1,1-Dichloroethene 0.5 U 75-37-5 Bromochloromethane 0.5 U 71-35-6 1,1,1-Trichloroethane 0.5 U 71-32-7 Cyclohexane 0.5 U 71-32-2 Bromochloromethane 0.5 U 71-43-2 Benzene 0.5 U 71-43-2 Benzene 0.5 U 71-43-2 Benzene 0.5 U 71-43-2 Methylcyclohexane 0.5 U 71-88-72-7 Methylcyclohexane 0.5 U 71-88-72-7 Methylcyclohexane 0.5 U 71-88-72-7 Bromodichloromethane 0.5 U 71-72-74-75 Bromodichloromethane 0.5 U	Sample wt/vol:	: <u>25 (g/mL) mL</u>	ab File ID:		
CAS NO. COMPOUND CONCENTRATION UNITS: QUELTA QU	Level: (low/me	ed) <u>LOW</u> Da	ate Received:	04/26/20	07
CAS NO. COMPOUND CONCENTRATION UNITS: Q Q Q Q Q Q Q Q Q	% Moisture: no	ot dec. NA De	ate Analyzed:	4/30/2007	
CAS NO. COMPOUND CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/L	GC Column:	ID: (mm) D	ilution Facto	r: <u>1</u>	
T5-71-8	Soil Extract V	Volume:(uL) Se	oil Aliquot V	olume:	(uL)
T5-71-8					
75-71-8 Dichlorodifluoromethane 0.5 U 74-87-3 Chloromethane 0.5 U 75-01-4 Vinyl chloride 0.5 U 74-83-9 Bromomethane 0.5 U 75-00-3 Chloroethane 0.5 U 75-69-4 Trichlorofluoromethane 0.5 U 75-35-4 1,1-Dichloroethene 0.5 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 0.5 U 67-64-1 Acetone 24 24 75-15-0 Carbon disulfide 0.15 J 79-20-9 Methyl acetate 0.5 U 75-09-2 Methylene chloride 1.4 1 156-60-5 trans-1,2-Dichloroethene 0.5 U 156-60-5 trans-1,2-Dichloroethane 0.5 U 156-59-2 cis-1,2-Dichloroethane 0.5 U 75-34-3 1,1-Dichloroethane 0.5 U 74-97-5 Bromochloromethane 5 U </td <td>CAS NO.</td> <td>COMPOUND</td> <td></td> <td></td> <td></td>	CAS NO.	COMPOUND			
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74-83-9 Bromomethane 0.5 U 75-00-3 Chloroethane 0.5 U 75-69-4 Trichlorofluoromethane 0.5 U 75-35-4 1,1-Dichloroethene 0.5 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 0.5 U 67-64-1 Acetone 24 75-15-0 Carbon disulfide 0.15 J 79-20-9 Methyl acetate 0.5 U 75-09-2 Methylene chloride 1.4 L 156-60-5 trans-1,2-Dichloroethene 0.5 U 1634-04-4 Methyl tert-butyl ether 0.5 U 75-34-3 1,1-Dichloroethane 0.5 U 156-59-2 cis-1,2-Dichloroethane 0.5 U 78-93-3 2-Butanone 5 U 74-97-5 Bromochloromethane 0.5 U 71-55-6 1,1,1-Trichloroethane 0.5 U 71-55-6 1,1,1-Trichloroethane 0.5 U	74-87-3	Chloromethane		0.5	U
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156-60-5 trans-1,2-Dichloroethene 0.5 U 1634-04-4 Methyl tert-butyl ether 0.5 U 75-34-3 1,1-Dichloroethane 0.5 U 156-59-2 cis-1,2-Dichloroethene 0.5 U 78-93-3 2-Butanone 5 U 74-97-5 Bromochloromethane 0.5 U 67-66-3 Chloroform 0.5 U 71-55-6 1,1,1-Trichloroethane 0.5 U 110-82-7 Cyclohexane 0.5 U 56-23-5 Carbon tetrachloride 0.5 U 71-43-2 Benzene 0.5 U 107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U					
1634-04-4 Methyl tert-butyl ether 0.5 U 75-34-3 1,1-Dichloroethane 0.5 U 156-59-2 cis-1,2-Dichloroethene 0.5 U 78-93-3 2-Butanone 5 U 74-97-5 Bromochloromethane 0.5 U 67-66-3 Chloroform 0.5 U 71-55-6 1,1,1-Trichloroethane 0.5 U 110-82-7 Cyclohexane 0.5 U 56-23-5 Carbon tetrachloride 0.5 U 71-43-2 Benzene 0.5 U 107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U					
75-34-3 1,1-Dichloroethane 0.5 U 156-59-2 cis-1,2-Dichloroethene 0.5 U 78-93-3 2-Butanone 5 U 74-97-5 Bromochloromethane 0.5 U 67-66-3 Chloroform 0.5 U 71-55-6 1,1,1-Trichloroethane 0.5 U 110-82-7 Cyclohexane 0.5 U 56-23-5 Carbon tetrachloride 0.5 U 71-43-2 Benzene 0.5 U 107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U					
156-59-2 cis-1,2-Dichloroethene 0.5 U 78-93-3 2-Butanone 5 U 74-97-5 Bromochloromethane 0.5 U 67-66-3 Chloroform 0.5 U 71-55-6 1,1,1-Trichloroethane 0.5 U 110-82-7 Cyclohexane 0.5 U 56-23-5 Carbon tetrachloride 0.5 U 71-43-2 Benzene 0.5 U 107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U		Methyl tert-butyl ether		. 0.5	U
78-93-3 2-Butanone 5 U 74-97-5 Bromochloromethane 0.5 U 67-66-3 Chloroform 0.5 U 71-55-6 1,1,1-Trichloroethane 0.5 U 110-82-7 Cyclohexane 0.5 U 56-23-5 Carbon tetrachloride 0.5 U 71-43-2 Benzene 0.5 U 107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U	75-34-3		l	0.5	U
74-97-5 Bromochloromethane 0.5 U 67-66-3 Chloroform 0.5 U 71-55-6 1,1,1-Trichloroethane 0.5 U 110-82-7 Cyclohexane 0.5 U 56-23-5 Carbon tetrachloride 0.5 U 71-43-2 Benzene 0.5 U 107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U	156-59-2	cis-1,2-Dichloroethene		0.5	U
67-66-3 Chloroform 0.5 U 71-55-6 1,1,1-Trichloroethane 0.5 U 110-82-7 Cyclohexane 0.5 U 56-23-5 Carbon tetrachloride 0.5 U 71-43-2 Benzene 0.5 U 107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U	78-93-3	2-Butanone			
71-55-6 1,1,1-Trichloroethane 0.5 U 110-82-7 Cyclohexane 0.5 U 56-23-5 Carbon tetrachloride 0.5 U 71-43-2 Benzene 0.5 U 107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U		Bromochloromethane		0.5	U
110-82-7 Cyclohexane 0.5 U 56-23-5 Carbon tetrachloride 0.5 U 71-43-2 Benzene 0.5 U 107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U			ļ		U
56-23-5 Carbon tetrachloride 0.5 U 71-43-2 Benzene 0.5 U 107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U		1,1,1-Trichloroethane	_		
71-43-2 Benzene 0.5 U 107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U	110-82-7			0.5	U
107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U	56-23-5	Carbon tetrachloride	ļ	0.5	
123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U				0.5	U
79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1.2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U	107-06-2	1,2-Dichloroethane		0.5	U
108-87-2 Methylcyclohexane 0.5 U 78-87-5 1.2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U	123-91-1	1,4-Dioxane		20	U
78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U					U
75-27-4 Bromodichloromethane 0.5 U			L		
				0.5	
10061-01-5 cis-1,3-Dichloropropene 0.5 U					
	10061-01-5	cis-1,3-Dichloropropene	l	0.5	ט

Form I VOA-1 (e-form)

1A (e-form)
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:DataChem I	aboratories, Inc. Contr	H1PW2 (BGH-GW-10)
Lab Code:DATAC	Case No.: 36335	SAS No.: SDG No.: H1PW2
Matrix: (soil/water)	WATER	Lab Sample ID: 7116028001
Sample wt/vol: 25	_(g/mL) <u>mL</u>	Lab File ID:
Level: (low/med) LOW		Date Received: 04/26/2007
% Moisture: not dec.	NA	Date Analyzed: 4/30/2007
GC Column:	ID:(mm)	Dilution Factor: 1
Soil Extract Volume:	(uL)	Soil Aliquot Volume:(uL)
CAS NO. COMPOU	ND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/L

		· · · · · · · · · · · · · · · · · · ·	•
108-10-1	4-Methyl-2-Pentanone	5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	Ū
127-18-4	Tetrachloroethene	0.5	U
591-78-6	2-Hexanone	5	υ
124-48-1	Dibromochloromethane	0.5	Ū
106-93-4	1,2-Dibromoethane	0.5	Ü
108-90-7	Chlorobenzene	0.35	J
100-41-4	Ethylbenzene .	. 0.5	U
95-47-6	o-Xylene	0.5	U
179601-23-1	m,p-Xylene	0.5	U
100-42-5	Styrene	0.17	J
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	Ü

EPA SAMPLE NO.

Inh Name	DataChem Laboratories, Inc. Contract:		H1P2 (BGH-GW	
-	· · · · · · · · · · · · · · · · · · ·			
Lab Code:	DATAC Case No.: 36335 SAS No.	···	SDG No.:I	11 PW2
Matrix: (soi	l/water) WATER L	ab Sample ID:	71220140	001
Sample wt/vo	1: 25 (g/mL) mL L	ab File ID:		
Level: (low/	med) LOW D	ate Received:	05/01/20	007
% Moisture:	not dec. NA D	ate Analyzed:	5/6/2007	
GC Column:	ID: (mm) D.	ilution Facto	r: <u>1</u>	_
Soil Extract	Volume: (uL) Se	oil Aliquot V	olume:	(uL)
CAS NO.	COMPOUND	CONCENTRATIO		Q -
75-71-8	Dichlorodifluoromethane		0.5	U
74-87-3	Chloromethane		0.5	U
75-01-4	Vinyl chloride		0.5	Ŭ
74-83-9	Bromomethane		0.5	U
75-00-3	Chloroethane		0.5	ט
75-69-4	Trichlorofluoromethane		0.5	U
75-35-4	1,1-Dichloroethene		0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		0.5	U
67-64-1	Acetone	1	34	
75-15-0	Carbon disulfide		0.5	Ū
79-20-9	Methyl acetate	1	0.5	U
75-09-2	Methylene chloride		0.76	
156-60-5	trans-1,2-Dichloroethene		0.5	U
1634-04-4	Methyl tert-butyl ether		0.5	Ŭ
75-34-3	1,1-Dichloroethane		0.5	U
156-59-2	cis-1,2-Dichloroethene		0.5	U
78-93-3	2-Butanone		5.9	
74-97-5	Bromochloromethane		0.5	Ü
67-66-3	Chloroform		0.5	U
71-55-6	1,1,1-Trichloroethane		0.5	U
110-82-7	Cyclohexane		0.5	U
56-23-5	Carbon tetrachloride		0.5	Ü
71-43-2	Benzene		0.5	U
107-06-2	1,2-Dichloroethane		0.5	U
123-91-1	1,4-Dioxane		20	U
79-01-6	Trichloroethene	1	0.5	U
108-87-2	Methylcyclohexane	[· · · · · · · · · · · · · · · · · · ·	0.5	U

Form I VOA-27 (e-form)

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

78-87-5

75-27-4

10061-01-5

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: 1	DataChem Laboratories, Inc.	H1PZ7 Contract: (BGH-GW-11)
Lab Code:	DATAC Case No.: 36335	SAS No.: SDG No.: H1PW2
Matrix: (soil	/water) WATER	Lab Sample ID: 7122014001
Sample wt/vol	: 25 (g/mL) mL	Lab File ID:
Level: (low/m	ed) LOW	Date Received: 05/01/2007
% Moisture: n	ot dec. NA	Date Analyzed: 5/6/2007
GC Column:	ID: (mm)	Dilution Factor: 1
	Volume: (uL)	Soil Aliquot Volume: (uI
BOIT Exclude	volume(db)	bott Ariquot Volume(ur
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/L
108-10-1	4-Methyl-2-Pentanone	5 U
108-88-3	Toluene	0.5 U
10061-02-6	trans-1,3-Dichloropropene	0.5 U
79-00-5	1,1,2-Trichloroethane	0.5 ບ
127-18-4	Tetrachloroethene	0.5 U
591-78-6	2-Hexanone	5 U
124-48-1	Dibromochloromethane	0.5 U
106-93-4	1,2-Dibromoethane	0.5 U
108-90-7	Chlorobenzene	0.52
100-41-4	Ethylbenzene	0.5 Ü
95-47-6	o-Xylene	0.5 U
179601-23-1	m,p-Xylene	0.5 U
100-42-5	Styrene	0.29 Ј
75-25-2	Bromoform	0.5 U
98-82-8	Isopropylbenzene	0.5 บ
79-34-5	1,1,2,2-Tetrachloroethane	0.5 บ
541-73-1	1,3-Dichlorobenzene	0.5 บ
106-46-7	1,4-Dichlorobenzene	0.5 U
95-50-1	1,2-Dichlorobenzene	0.5 U
96-12-8	1,2-Dibromo-3-chloropropane	• 0.5 บ
120-82-1	1,2,4-Trichlorobenzene	0.5 บ
87-61-6	1,2,3-Trichlorobenzene	0.5 U

0.5 U

0.5 U

0.5 U

EPA SAMPLE NO.

Lab Name:I	DataChem Laboratories, Inc. Contract:	(BGH-GW-27)
Lab Code:I	DATAC Case No.: 36335 SAS No	.: SDG No.: <u>H1PW2</u>
Matrix: (soil	/water) WATER La	ab Sample ID:7122014005
Sample wt/vol	: 25 (g/mL) mL La	ab File ID:
Level: (low/me	ed) LOW Da	ate Received: 05/01/2007
% Moisture: no	ot dec. NA Da	ate Analyzed: 5/7/2007
GC Column:	ID: (mm) Di	llution Factor: 1
Soil Extract V		oil Aliquot Volume:(uL)
CAS NO.	COMPOUND .	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/L
75-71-8	Dichlorodifluoromethane	0.5 U
74-87-3	Chloromethane	0.5 U
75-01-4	Vinyl chloride	0.5 U
74-83-9	Bromomethane	0.5 U
75-00-3	Chloroethane	0.5 U
75-69-4	Trichlorofluoromethane	0.5 U
75-35-4	1,1-Dichloroethene	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U
67-64-1	Acetone	25
75-15-0	Carbon disulfide	0.5 บ
79-20-9	Methyl acetate	0.5 U
75-09-2	Methylene chloride	0.53
156-60-5	trans-1,2-Dichloroethene	0.5 U
1634-04-4	Methyl_tert-butyl ether	0.5 U
75-34-3	1,1-Dichloroethane	0.5 U
156-59-2	cis-1,2-Dichloroethene	0.5 บ
78-93-3	2-Butanone	5 U
74-97-5	Bromochloromethane	0.5 บ
67-66-3	Chloroform	0.5 U
71-55-6	1,1,1-Trichloroethane	0.5 บ
110-82-7	Cyclohexane	0.5 U
56-23-5	Carbon tetrachloride	ט 0.5
71-43-2	Benzene	0.5 U
107-06-2	1,2-Dichloroethane	0.5 ປ
123-91-1	1,4-Dioxane	20 U
79-01-6	Trichloroethene	0.5 U
108-87-2	Methylcyclohexane	0.5 ป
78-87-5	1,2-Dichloropropane	0.5 U
75-27-4	Bromodichloromethane	0.5 U

Form I VOA-47 (e-form)

cis-1,3-Dichloropropene

10061-01-5

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YE0 (BGH-GW-27) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PW2 Matrix: (soil/water) WATER Lab Sample ID: 7122014005 Sample wt/vol: 25 (g/mL) mL Lab File ID: Level: (low/med) LOW Date Received: 05/01/2007 % Moisture: not dec. NA Date Analyzed: 5/7/2007 Dilution Factor: 1 GC Column: _____ ID: _____ (mm) Soil Extract Volume: _____(uL) Soil Aliquot Volume: (uL) CAS NO. COMPOUND CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/L 5 U 108-10-1 4-Methyl-2-Pentanone 108-88-3 Toluene 0.5 U 10061-02-6 trans-1,3-Dichloropropene 0.5 U 79-00-5 1,1,2-Trichloroethane 0.5 U 127-18-4 Tetrachloroethene 0.5 บ 591-78-6 2-Hexanone 5 U 124-48-1 Dibromochloromethane 0.5 บ 0.5 U 106-93-4 1,2-Dibromoethane 108-90-7 Chlorobenzene 0.53 100-41-4 0.5 U Ethylbenzene 95-47-6 o-Xylene 0.5 U 179601-23-1 m,p-Xylene 0.5 บ 100-42-5 Styrene 0.27 J 75-25-2 Bromoform 0.5 U 98-82-8 Isopropylbenzene 0.5 บ 79-34-5 1,1,2,2-Tetrachloroethane 0.5 U 0.5 U 541-73-1 1,3-Dichlorobenzene 1,4-Dichlorobenzene 0.5 U 106-46-7 95-50-1 1,2-Dichlorobenzene 0.5 U 96-12-8 1,2-Dibromo-3-chloropropane 0.5 บ 120-82-1 1,2,4-Trichlorobenzene 0.5 U

1,2,3-Trichlorobenzene

0.5 U

87-61-6

EPA SAMPLE NO.

		OBITI ABB OTHER		TELEVIC PITTIE BILDEL	
Lab Name:	DataChem	Laboratories,	Inc.	Contract:	H1YE1 (BGH-GW-12)
Lab Code:	DATAC	Case No.:	36335	SAS No.:	SDG No.: H1YE1
Matrix: (soi	il/water)	WATER	_	Lab Sample ID	: 7124020001
Sample wt/vo	ol: <u>25</u>	(g/mL)mL	_	Lab File ID:	
Level: (low/	med) LOW			Date Received	05/04/2007
% Moisture:	not dec.	NA		Date Analyzed	5/7/2007
GC Column:		ID:	(mm)	Dilution Facto	or: <u>1</u>
Soil Extract	: Volume:	(ıL)	Soil Aliquot V	/olume:(uL)
CAS NO.	COMPO	מאנ		CONCENTRATI (ug/L or ug	-

		(ug/L or ug/Kg) <u>ug/L</u>	•
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl chloride	0.5	Ū
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
75-35-4	1,1-Dichloroethene	0.5	Ü
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U
67-64-1	Acetone	32	
75-15-0	Carbon disulfide	0.13	J
79-20-9	Methyl acetate	0.5	Ü
75-09-2	Methylene chloride	1.6	
156-60-5	trans-1,2-Dichloroethene	0.5	U
1634-04-4	Methyl tert-butyl ether	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	υ
74-97-5	Bromochloromethane	0.5	U
67-66-3	Chloroform	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
110-82-7	Cyclohexane	0.5	U
56-23-5	Carbon tetrachloride	0.5	Ŭ
71-43-2	Benzene	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
123-91-1	1,4-Dioxane	20	U
79-01-6	Trichloroethene	0.5	υ
108-87-2	Methylcyclohexane	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U

1A (e-form)
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem L	aboratories,	Inc.	Contract	: _			YE1 SW-12)
Lab Code:	DATAC	Case No.:	36335	SAS	No.:		SDG No.:	H1YE1
Matrix: (soi	.l/water)	WATER	-		Lab	Sample ID:	712402	0001
Sample wt/vc	1: 25	(g/mL) mL			Lab	File ID:		
Level: (low/	med) LOW				Date	Received:	05/04/	2007
% Moisture:	not dec.	NA			Date	Analyzed:	5/7/200	7
GC Column:		ID:	(mm)		Dilu	tion Facto	r: <u>1</u>	
Soil Extract	Volume:	(u	L)		Soil	Aliquot V	olume:	(uL)
CAS NO.	COMPOU	ND				ONCENTRATIONS		Q ,
100 10 1	4 34-5-5-1	2 Despt						C 77

	. <u> </u>	(ug, D or ug, ng, _ug, D	
108-10-1	4-Methyl-2-Pentanone	5	Ū
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	υ
79-00-5	1,1,2-Trichloroethane	0.5	U
127-18-4	Tetrachloroethene	0.5	U
591-78-6	2-Hexanone	, 5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
100-41-4	Ethylbenzene	0.5	Ū
95-47-6	o-Xylene	0.5	Ü
179601-23-1	m,p-Xylene	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	Ü
98-82-8	Isopropylbenzene	0.5	Ü
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	Ū
87-61-6	1,2,3-Trichlorobenzene	0.5	υ

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories, Inc. Contract:	H1YE2 (BGH-GW-13)
_	DATAC Case No.: 36335 SAS No	SDG No.: H1YE1
Matrix: (soi	l/water) WATER La	ab Sample ID: 7128002001
Sample wt/vo	1: 25 (g/mL) mL La	ab File ID:
Level: (low/	ned) LOW Da	ate Received: 05/07/2007
% Moisture: 1	not dec. NA De	ate Analyzed: 5/12/2007
		ilution Factor: 1
Soil Extract	Volume: (uL) So	oil Aliquot Volume:(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/L
75-71-8	Dichlorodifluoromethane	0.5 U
74-87-3	Chloromethane	0.5 U
75-01-4	Vinyl chloride	0.5 U
74-83-9	Bromomethane	0.5 U
75-00-3	Chloroethane	0.5 U
75-69-4	Trichlorofluoromethane	0.5 U
75-35-4	1,1-Dichloroethene	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U
67-64-1	Acetone	29
75-15-0	Carbon disulfide	0.5 U
79-20-9	Methyl acetate	0.5 U
75-09-2	Methylene chloride	1.5 B
156-60-5	trans-1,2-Dichloroethene	0.5 U
1634-04-4	Methyl tert-butyl ether	0.5 U
75-34-3	1,1-Dichloroethane	0.5 U
156-59-2	cis-1,2-Dichloroethene	0.5 U
78-93-3	2-Butanone	5 U
74-97-5	Bromochloromethane	0.5 U
67-66-3	Chloroform	· 0.5 U
71-55-6	1,1,1-Trichloroethane	0.5 U
110-82-7	Cyclohexane	0.5 U
56-23-5	Carbon tetrachloride	0.5 U
71-43-2	Benzene	0.5 U
107-06-2	1,2-Dichloroethane	0.5 U
123-91-1	1,4-Dioxane	20 U
79-01-6	Trichloroethene	0.5 U
108-87-2	Methylcyclohexane	0.5 11

Form I VOA-3 (e-form)

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

78-87-5

75-27-4

10061-01-5

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YE2 (BGH-GW-13) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: _____ SDG No.: H1YE1 Matrix: (soil/water) WATER Lab Sample ID: 7128002001 Sample wt/vol: 25 (g/mL) mL Lab File ID: Level: (low/med) Date Received: 05/07/2007 Date Analyzed: 5/12/2007 % Moisture: not dec. NA GC Column: ID: (mm) Dilution Factor: 1 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: ____ (uL) CAS NO. COMPOUND CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/L 108-10-1 4-Methyl-2-Pentanone 5 U 108-88-3 Toluene 0.5 U 10061-02-6 trans-1,3-Dichloropropene 0.5 U 79-00-5 1,1,2-Trichloroethane 0.5 U 127-18-4 Tetrachloroethene 0.5 U 5 U 591-78-6 2-Hexanone 124-48-1 Dibromochloromethane 0.5 U 106-93-4 0.5 U 1,2-Dibromoethane 108-90-7 Chlorobenzene 0.5 ប 0.5 U 100-41-4 Ethylbenzene 95-47-6 o-Xylene 0.5 U m,p-Xylene 179601-23-1 0.5 U Styrene 100-42-5 0.5 U 75-25-2 Bromoform 0.5 U 98-82-8 Isopropylbenzene 0.5 U 0.5 U 79-34-5 1,1,2,2-Tetrachloroethane 0.5 U 541-73-1 1,3-Dichlorobenzene 106-46-7 1,4-Dichlorobenzene 0.5 U 95-50-1 1,2-Dichlorobenzene 0.5 U 96-12-B 1,2-Dibromo-3-chloropropane 0.5 U 120-82-1 1,2,4-Trichlorobenzene 0.5 U 1,2,3-Trichlorobenzene 0.5 U 87-61-6

U

0.5

EPA SAMPLE NO.

Lab Name: 1	DataChem Laboratories, Inc. Contract:	H1YE3 (BGH-GW-00)
Lab Code: _ 1	DATAC _ Case No.: 36335 SAS No.	D.: SDG No.: H1YE1
Matrix: (soil	/water) WATER L	ab Sample ID: 7124020002
Sample wt/vol	: 25 _(g/mL) mL L	ab File ID:
Level: (low/m		ate Received: 05/04/2007
% Moisture: n		ate Analyzed: 5/7/2007
GC Column:	 _	ilution Factor: 1
Soil Extract		oil Aliquot Volume:(uL)
CAS NO.	COMPOUND .	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/L
75-71-8	Dichlorodifluoromethane	0.5 U
74-87-3	Chloromethane	0.5 U
75-01-4	Vinyl chloride	0.5 U
74-83-9	Bromomethane	0.5 U
75-00-3	Chloroethane	0.5 U
75-69-4	Trichlorofluoromethane	0.5 U
75-35-4	1,1-Dichloroethene	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.26. Ј
67-64-1	Acetone	_ 5 U
75-15-0	Carbon_disulfide	0.5 U
79-20-9	Methyl acetate	0.5 U
75-09-2	Methylene chloride	0.5 U
156-60-5	trans-1,2-Dichloroethene	0.5 U
1634-04-4	Methyl tert-butyl ether	0.5 0
75-34-3	1,1-Dichloroethane	0.5 U
156-59-2	cis-1,2-Dichloroethene	0.5 U
78-93-3	2-Butanone	5 U
74-97-5	Bromochloromethane	0.5 U
67-66-3	Chloroform	0.5 U
71-55-6	1,1,1-Trichloroethane	0.5 U
110-82-7	Cyclohexane	0.5 U
56-23-5	Carbon tetrachloride	0.5 U
71-43-2	Benzene	0.5 U
107-06-2	1,2-Dichloroethane	0.5 U
123-91-1	1,4-Dioxane	20 U
79-01-6	Trichloroethene	0.5 U
108-87-2 78-87-5	Methylcyclohexane 1,2-Dichloropropane	0.5 U
75-27-4	Bromodichloromethane	0.5 U
10061-01-5	cis-1,3-Dichloropropene	0.5 U
10001-01-3	L cra. r.a promiorobiobene	1 0.3 0

Form I VOA-5 (e-form)

1A (e-form)
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem I	aboratories	Inc.	Cont	ract:				H1 (BGH-	YE.	
_		Case No.:						 CD	G No.:		1.VE1
Lab code:	DATAC	case No.:	30333		SAS I	10.:		. 30	G NO.:		1161
Matrix: (soil	/water)	WATER	_			Lab	Sample 1	ID:	712402	200	02
Sample wt/vol	: 25	(g/mL) mL	_			Lab	File ID:	·			
Level: (low/m	ed) <u>LOW</u>					Date	e Receive	ed:	05/04/	/20(07
% Moisture: n	ot dec.	NA			:	Date	Analyze	ed:	5/7/200)7	
GC Column:		ID:	(mm)		:	Dilu	tion Fac	tor:	1		
Soil Extract	Volume:	(uL)			Soil	Aliquot	Volu	ıme:		(uL
CAS NO.	COMPOU	ИD				c	ONC ENTRA	TION	UNITS:		0
21.2						(1	ug/L or i	ug/Kg) ug/1	<u>L_</u>	-
108-10-1	4-Methy	l-2-Pentanon	e		-	\top		_		5	U
108-88-3	Toluene					1			0	. 5	_
10061-02-6	trans-1	3-Dichlorop	ropene						- 0	. 5	U
79-00-5	1,1,2-T	richloroetha	ne			T			0	.5	
127-18-4	Tetrach.	loroethene							0	.5	U
591-78-6	2-Hexano	one				1				5	บ
124-48-1	Dibromoo	chloromethan				\top			0	. 5	_ U
106-93-4	1,2-Dib	romoethane				丁			0	. 5	U
108-90-7	Chlorobe	enzene				T			Ó	.5	บ
100-41-4	Ethylber	izene				1			0	. 5	U
95-47-6	o-Xylene	· · · · · ·				1			0	.5	U
179601-23-1	m,p-Xyle	ene				1			0	.5	U
100-42-5	Styrene					\top			0	.5	U
75-25-2	Bromofor	rm				\neg			0	. 5	U
98-82-8	Isopropy	lbenzene				\top			0	. 5	U
79-34-5	1,1,2,2-	Tetrachloro	ethane						0	. 5	U
541-73-1	1,3-Dich	nlorobenzene							0	. 5	U
106-46-7	1,4-Dick	lorobenzene				T			0	. 5	U
95-50-1	1,2-Dick	lorobenzene							0	. 5	U
96-12-8	1,2-Dib	como-3-chlor	opropan	e					. 0	. 5	U
120-82-1	1,2,4-Ti	ichlorobenz	ene			Т			0	. 5	U
87-61-6	1,2,3-Ti	ichlorobenz	ene			T			0	. 5	U

EPA SAMPLE NO.

H1YE4

Lab Name:	DataChem Laboratories, Inc. Contract:	(BGH-GW-03)			
Lab Code:	DATAC Case No.: 36335 SAS No	.: SDG No.: H1YE1			
Matrix: (soil	/water) WATER La	ab Sample ID: 7128002002			
Sample wt/vol	: 25 (g/mL) mL La	ab File ID:			
Level: (low/m		ate Received: 05/07/2007			
% Moisture: n	ot dec. NA Da	ate Analyzed: 5/12/2007			
GC Column:		ilution Factor: 1			
Soil Extract Volume: (uL) Soil Aliquot Volume:					
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q			
_		(ug/L or ug/Kg) ug/L			
75-71-8	Dichlorodifluoromethane	0.5 U			
74-87-3	Chloromethane	0.5 U			
75-01-4	Vinyl chloride	0.5 U			
74-83-9	Bromomethane	0.5 U			
75-00-3	Chloroethane	0.5 U			
75-69-4	Trichlorofluoromethane	0.5 U			
75-35-4	1,1-Dichloroethene	0.5 U			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U			
67-64-1	Acetone	5 U			
75-15-0	Carbon disulfide	0.5 U			
79-20-9	Methyl acetate	0.5 U			
75-09-2	Methylene chloride	0.13 JB			
156-60-5	trans-1,2-Dichloroethene	0.5 U			
1634-04-4	Methyl tert-butyl ether	0.5 U			
75-34-3	1,1-Dichloroethane	0.5 บ			
156-59-2	cis-1,2-Dichloroethene	0.5 U			
78-93-3	2-Butanone	5 U			
74-97-5	Bromochloromethane	0.5 บ			
67-66-3	Chloroform	0.5 U			
71-55-6	1,1,1-Trichloroethame	0.5 U			
110-82-7	Cyclohexane	0.5 U			
56-23-5	Carbon tetrachloride	0.5 U			
71-43-2	Benzene	0.5 U			
107-06-2	1,2-Dichloroethane	0.5 U			
123-91-1	1,4-Dioxane	20 U			
79-01-6	Trichloroethene	0.5 U			
108-87-2	Methylcyclohexane	0.5 U			
78-87-5	1,2-Dichloropropane	0.5 U			
75-27-4	Bromodichloromethane	0.5 U			

Form I VOA-11 (e-form)

cis-1,3-Dichloropropene

10061-01-5

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YE4 (BGH-GW-03) Lab Name: DataChem Laboratories, Inc. Contract: SAS No.: _____ SDG No.: H1YE1 Lab Code: DATAC Case No.: 36335 Matrix: (soil/water) WATER Lab Sample ID: 7128002002 (g/mL) mL Lab File ID: Sample wt/vol: 25 05/07/2007 Level: (low/med) LOW Date Received: Date Analyzed: 5/12/2007 % Moisture: not dec. ID: _____(mm) Dilution Factor: 1 GC Column: Soil Extract Volume: (uL) Soil Aliquot Volume: CAS NO. COMPOUND CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/L 4-Methyl-2-Pentanone 108-10-1 5 U 108-88-3 Toluene 0.5 IJ 10061-02-6 0.5 trans-1,3-Dichloropropene U 0.5 U 79-00-5 1,1,2-Trichloroethane 127-18-4 0.5 U Tetrachloroethene 591-78-6 2-Hexanone 5 U 124-48-1 Dibromochloromethane 0.5 U 106-93-4 1,2-Dibromoethane 0.5 U 108-90-7 Chlorobenzene 0.5 U 100-41-4 Ethylbenzene 0.5 U 95-47-6 o-Xylene 0.5 U 179601-23-1 m,p-Xylene 0.5 U 100-42-5 Styrene 0.5 U 75-25-2 Bromoform 0.5 U 98-82-8 Isopropylbenzene 0.5 U 79-34-5 1,1,2,2-Tetrachloroethane 0.5 U 541-73-1 1,3-Dichlorobenzene 0.5 U 106-46-7 1,4-Dichlorobenzene 0.5 ປ 95-50-1 1,2-Dichlorobenzene 0.5 U 96-12-8 1,2-Dibromo-3-chloropropane 0.5 υ 0.5 U

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

0.5 U

120-82-1

87-61-6

EPA SAMPLE NO.

CONCENTRATION UNITS:

Lab Name:DataChe	n Laboratories, Inc. Co	H1YE5 ntract: (BGH-GW-01)
Lab Code: DATAC	Case No.: 36335	SAS No.: SDG No.: H1YE1
Matrix: (soil/water)	WATER	Lab Sample ID: 7128002003
Sample wt/vol: 25	(g/mL) <u>mL</u>	Lab File ID:
Level: (low/med) L	DWW	Date Received: 05/07/2007
% Moisture: not dec.	NA	Date Analyzed: 5/12/2007
GC Column:	ID:(mm)	Dilution Factor: 1
Soil Extract Volume:	(uL)	Soil Aliquot Volume:(uL)
		•

CAS NO.

COMPOUND

(ug/L or ug/Kg) ug/L 75-71-8 Dichlorodifluoromethane 0.5 U 74-87-3 Chloromethane 0.5 IJ 75-01-4 Vinyl chloride 0.5 U 74-83-9 Bromomethane 0.5 U 75-00-3 Chloroethane 0.5| บ 75-69-4 Trichlorofluoromethane 0.5 U 75-35-4 1,1-Dichloroethene 0.5 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 0.5 U 67-64-1 Acetone U 75-15-0 Carbon disulfide 0.5 U 79-20-9 Methyl acetate 0.5 บ 75-09-2 Methylene chloride 0.5 U 156-60-5 trans-1,2-Dichloroethene 0.5 บ 1634-04-4 Methyl tert-butyl ether 0.5 U 75-34-3 1,1-Dichloroethane 0.5 U 156-59-2 cis-1,2-Dichloroethene 0.5 U 78-93-3 2-Butanone 5 U 74-97-5 Bromochloromethane 0.5 U 67-66-3 Chloroform 0.5 U 71-55-6 1,1,1-Trichloroethane 0.5 U 110-82-7 Cyclohexane 0.5 0 56-23-5 Carbon tetrachloride 0.5 U 71-43-2 Benzene 0.5 U 107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 บ 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.5 U 10061-01-5 cis-1,3-Dichloropropene

Form I VOA-17 (e-form)

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YE5 (BGH-GW-01) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1YE1 Matrix: (soil/water) WATER Lab Sample ID: 7128002003 Sample wt/vol: 25 (g/mL) mL Lab File ID: Level: (low/med) LOW Date Received: 05/07/2007 Date Analyzed: 5/12/2007 % Moisture: not dec. NA GC Column: · ID: __(mm) Dilution Factor: 1 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CAS NO. COMPOUND CONCENTRATION UNITS: 0 (ug/L or ug/Kg) ug/L 108-10-1 4-Methyl-2-Pentanone 5 บ 108-88-3 Toluene 0.5 U 10061-02-6 trans-1,3-Dichloropropene 0.5 U 79-00-5 1,1,2-Trichloroethane 0.5 U 127-18-4 Tetrachloroethene 0.5 U 591-78-6 2-Hexanone 5 U 124-48-1 Dibromochloromethane 0.5 U 106-93-4 1,2-Dibromoethane 0.5 U 0.5 ช 108-90-7 Chlorobenzene 100-41-4 Ethylbenzene 0.5 U 95-47-6 o-Xylene 0.5 U 179601-23-1 m,p-Xylene 0.5 U Styrene 100-42-5 0.5 U

0.5 U

0.5 บ

0.5 U

75-25-2

98-82-8

79-34-5

541-73-1

106-46-7

95-50-1

96-12-8

120-82-1

87-61-6

Bromoform

Isopropylbenzene

1,3-Dichlorobenzene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

1,1,2,2-Tetrachloroethane

1,2-Dibromo-3-chloropropane

EPA SAMPLE NO.

CONCENTRATION UNITS:

Lab Name: DataChem I	Laboratories, Inc.	Contract:	H1YE6 (BGH-GW-02)
Lab Code: DATAC	Case No.: 36335	SAS No.:	SDG No.: H1YE1
Matrix: (soil/water)	WATER	Lab Sample ID:	7128002004
Sample wt/vol: 25	(g/mL) mL	Lab File ID:	
Level: (low/med) LOW		Date Received:	05/07/2007
Moisture: not dec.	NA	Date Analyzed:	5/12/2007
GC Column:	ID:(mm)	Dílution Factor	r: <u>1</u>
Soil Extract Volume:	(uL)	Soil Aliquot Vo	olume:(uL)

CAS NO.

COMPOUND

		(ug/L or ug/Kg) ug/L	_
75-71-8	Dichlorodifluoromethane	0.5	U
74-87-3	Chloromethane	0.5	Ū
75-01-4	Vinyl chloride	0.5	U
74-83-9	Bromomethane	0.5	U
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	U
75-35-4	1,1-Dichloroethene	0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U
67-64-1	Acetone	5	Ü
75-15-0	Carbon disulfide	0.5	Ü
79-20-9	Methyl acetate	0.5	U
75-09-2	Methylene chloride	0.5	U
156-60-5	trans-1,2-Dichloroethene	0.5	U
1634-04-4	Methyl tert-butyl ether	0.5	U
75-34-3	1,1-Dichloroethane	0.5	U
156-59-2	cis-1,2-Dichloroethene	0.5	U
78-93-3	2-Butanone	5	U
74-97-5	Bromochloromethane	0.5	Ū
67-66-3	Chloroform	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
110-82-7	Cyclohexane	0.5	U
56-23-5	Carbon tetrachloride	0.5	υ
71-43-2	Benzene	0.5	U
107-06-2	1,2-Dichloroethane	0.5	Ü
123-91-1	1,4-Dioxane	20	U
79-01-6	Trichloroethene	0.5	U
108-87-2	Methylcyclohexane	0.5	Ü
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	U
10061-01-5	cis-1,3-Dichloropropene	0.5	U

Form I VOA-23 (e-form)

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YE6 (BGH-GW-02) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1YE1 Lab Sample ID: 7128002004 Matrix: (soil/water) WATER Sample wt/vol: 25 (g/mL) mL Lab File ID: Level: (low/med) LOW Date Received: __05/07/2007 % Moisture: not dec. NA____ Date Analyzed: 5/12/2007 GC Column: ____ ID: ____ (mm) Dilution Factor: 1 Soil Extract Volume: ____(uL) Soil Aliquot Volume: (uL) CAS NO. COMPOUND CONCENTRATION UNITS: Q (ug/L or ug/Kg) <u>ug/</u>L 108-10-1 4-Methyl-2-Pentanone 5 U 108-88-3 Toluene 0.5 U 10061-02-6 trans-1,3-Dichloropropene 0.5 U 79-00-5 1,1,2-Trichloroethane 0.5 U 127-18-4 Tetrachloroethene 0.5 U 5 U 591-78-6 2-Hexanone 124-48-1 Dibromochloromethane 0.5 U 0.5 ช 106-93-4 1,2-Dibromoethane 108-90-7 0.5 U Chlorobenzene 100-41-4 0.5 U Ethylbenzene 95-47-6 o-Xylene 0.5 U 179601-23-1 m,p-Xylene 0.5 บ 100-42-5 0.5 U Styrene 75-25-2 Bromoform 0.5 U 98-82-8 Isopropylbenzene 0.5 U 79-34-5 1,1,2,2-Tetrachloroethane 0.5 U

541-73-1

106-46-7

95-50-1

96-12-8

120-82-1

87-61-6

1,3-Dichlorobenzene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

1,2-Dibromo-3-chloropropane

0.5 U

0.5 U

0.5 U

0.5 U

0.5 U

0.5 U

EPA SAMPLE NO.

			H1YE (BGH-GW	
Lab Name: _	DataChem Laboratories, Inc. Contract:		(BGN-GW	-00)
Lab Code: _	DATAC Case No.: 36335 SAS No	· · ·	SDG No.: _B	HIYE1
Matrix: (soil	/water) WATER La	ab Sample ID:	71280020	007
Sample wt/vol	: <u>25 (g/mL) mL</u>	ab File ID:		
Level: {low/m	ed) LOW Da	ate Received:	05/07/20	07
% Moisture: n	ot dec. NA De	ate Analyzed:	5/12/2007	
GC Column: _	ID: (mm) D:	ilution Facto	r: <u>1</u>	_
Soil Extract	Volume:(uL) Se	oil Aliquot V	olume:	(uL)
CAS NO.	COMPOUND	CONCENTRATIO		-
75-71-8	Dichlorodifluoromethane		0.5	U
74-87-3	Chloromethane		0.5	U
75-01-4	Vinyl chloride		0.5	U
74-83-9	Bromomethane		0.5	Ü
75-00-3	Chloroethane		0.5	U
75-69-4	Trichlorofluoromethane		0.5	Ü
75-35-4	1,1-Dichloroethene		0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		ŭ	
67-64-1	Acetone		31	
75-15-0	Carbon disulfide		0.5	Ü
79-20-9	Methyl acetate		0.5	U
75-09-2	Methylene chloride		1.4	В
156-60-5	trans-1,2-Dichloroethene		0.5	U
1634-04-4	Methyl tert-butyl ether		0.5	U
75-34-3	1,1-Dichloroethane		0.5	U
156-59-2	cis-1,2-Dichloroethene		0.5	U
78-93-3	2-Butanone		5	
74-97-5	Bromochloromethane		0.5	U
67-66-3	Chloroform		0.5	U
71-55-6	1,1,1-Trichloroethane		0.5	U
110-82-7	Cyclohexane		0.5	U
56-23-5	Carbon tetrachloride		0.5	
71-43-2	Benzene		0.5	U
107-06-2	1,2-Dichloroethane		0.5	U
123-91-1	1,4-Dioxane		20	U

1A (e-form)
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YE7 (BGH-GW-08) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1YE1 Matrix: (soil/water) WATER Lab Sample ID: 7128002007 Sample wt/vol: 25 (g/mL) mL Lab File ID: Level: (low/med) LOW Date Received: 05/07/2007 % Moisture: not dec. NA Date Analyzed: 5/12/2007 GC Column: ID: (mm) Dilution Factor: 1 Soil Extract Volume: (uL) Soil Aliquot Volume: CAS NO. COMPOUND CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/L 108-10-1 4-Methyl-2-Pentanone 108-88-3 Toluene 0.5 U 10061-02-6 trans-1,3-Dichloropropene 0.5 U 79-00-5 1,1,2-Trichloroethane 0.5 U 127-18-4 Tetrachloroethene 0.5 U 591-78-6 2-Hexanone 5 U 124-48-1 Dibromochloromethane 0.5 U 106-93-4 0.5 U 1,2-Dibromoethane 108-90-7 0.5 U Chlorobenzene 100-41-4 Ethylbenzene 0.5 U 95-47-6 o-Xylene 0.5 U 179601-23-1 m,p-Xylene 0.5 U 100-42-5 0.5 υ Styrene 75-25-2 Bromoform 0.5 U 98-82-8 Isopropylbenzene 0.5 U 79-34-5 1,1,2,2-Tetrachloroethane 0.5 U 541-73-1 1,3-Dichlorobenzene 0.5 บ 0.5 U 106-46-7 1,4-Dichlorobenzene 95-50-1 1,2-Dichlorobenzene 0.5 U

79-01-6

108-87-2

78-87-5

75-27-4

10061-01-5

Trichloroethene

Methylcyclohexane

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

0.5 U

0.5 U

0.5 U

0.5 U

96-12-8

120-82-1

87-61-6

1,2-Dibromo-3-chloropropane

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

0.5 บ

0.5 U

0.5 U

EPA SAMPLE NO.

Lab Name:	DataChem I	aboratories	Inc.	Contract:			YE8 GW-07)
Lab Code:	DATAC	Case No.:	36335	SAS 1	No.:	SDG No.:	H1YE1
Matrix: (soi	il/water)	WATER	_		Lab Sample 1	D: 71280	02008
Sample wt/vo	ol: <u>25</u>	(g/mL) mL	_		Lab File ID:		
Level: (low/	med) LOW				Date Receive	d: 05/07/	2007
% Moisture:	not dec.	NA			Date Analyze	d: <u>5/12/20</u>	007
GC Column:		1D:	(mm)		Dilution Fac	tor: <u>1</u>	
Soil Extract	: Volume:	(1	1L)		Soil Aliquot	Volume:	(uL)
CAS NO.	СОМРОИ	ИD				lON UNITS:	Q

		(ug/L of ug/kg) ug/L	•
75-71-8	Dichlorodifluoromethane	0.5	Ü
74-87-3	Chloromethane	0.5	U
75-01-4	Vinyl chloride	0.5	ប
74-83-9	Bromomethane	0.5	υ
75-00-3	Chloroethane	0.5	U
75-69-4	Trichlorofluoromethane	0.5	Ü
75-35-4	1,1-Dichloroethene	0.5	υ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.5	U
67-64-1	Acetone	37	
75-15-0	Carbon disulfide	0.15	J
79-20-9	Methyl acetate	0.5	U
75-09-2	Methylene chloride	1.6	В
156-60-5	trans-1,2-Dichloroethene	0.5	U
1634-04-4	Methyl tert-butyl ether	0.5	U
75-34-3	1,1-Dichloroethane	0.5	Ü
156-59-2	cis-1,2-Dichloroethene	0.5	υ
78-93-3	2-Butanone	5,	U
74-97-5	Bromochloromethane	0.5	Ü
67-66-3	Chloroform	0.5	U
71-55-6	1,1,1-Trichloroethane	0.5	U
110-82-7	Cyclohexane	0.5	U
56-23-5	Carbon tetrachloride	0.5	U
71-43-2	Benzene	0.5	U
107-06-2	1,2-Dichloroethane	0.5	U
123-91-1	1,4-Dioxane	20	Ü
79-01-6	Trichloroethene	- 0.5	U
108-87-2	Methylcyclohexane	0.5	U
78-87-5	1,2-Dichloropropane	0.5	U
75-27-4	Bromodichloromethane	0.5	Ū
10061-01-5	cis-1,3-Dichloropropene	0.5	Ü

Form I VOA-47 (e-form)

1A (e-form)
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YE8 (BGH-GW-07) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1YE1 Matrix: (soil/water) Lab Sample ID: 7128002008 WATER Sample wt/vol: 25 (g/mL) mL Lab File ID: Date Received: 05/07/2007 Level: (low/med) LOW Date Analyzed: 5/12/2007 % Moisture: not dec. NA GC Column: _____ ID: ____ (mm) Dilution Factor: 1 Soil Extract Volume: (uL) Soil Aliquot Volume: (uL) CAS NO. COMPOUND CONCENTRATION UNITS: 0 (ug/L or ug/Kg) ug/L 108-10-1 5 U 4-Methyl-2-Pentanone 108 -88 - 3 0.5 U Toluene 10061-02-6 trans-1,3-Dichloropropene 0.5 U 79-00-5 1,1,2-Trichloroethane 0.5 U 127-18-4 Tetrachloroethene 0.5 U 591-78-6 5 U 2-Hexanone 124-48-1 0.5 U Dibromochloromethane 106-93-4 1,2-Dibromoethane 0.5 U

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories, Inc	c. Contract:		HlyE	
Lab Code:	DATAC Case No.: 363	35 SAS No.	:	SDG No.: H	1YE1
Matrix: (soi	l/water) WATER	La	b Sample ID:	71280020	09
Sample wt/vo	1: <u>25 (g/mL) mL</u>	La	b File ID:		
Level: (low/	med) LOW	Da	te Received:	05/07/20	07
% Moisture:	not dec. NA	Da	te Analyzed:	5/12/2007	
	ID:(mum) Di	lution Facto	or: 1	
_	Volume: (uL)		il Aliquot V	· · · · · · · · · · · · · · · · · · ·	•
CAS NO.	COMPOUND		CONCENTRATIO		Q
75-71-8	Dichlorodifluoromethane			0.5	U
74-87-3	Chloromethane			0.5	U
75-01-4	Vinyl chloride			0.5	ט
74-83-9	Bromomethane			0.5	Ü
75-00-3	Chloroethane	Chloroethane			
75-69-4	Trichlorofluoromethane			U	
75-35-4	1,1-Dichloroethene			0.5	U
76-13-1	1,1,2-Trichloro-1,2,2-tr	rifluoroethane		0.5	U
67-64-1	Acetone			U	
75-15-0	Carbon disulfide			U	
79-20-9	Methyl acetate			U	
75-09-2	Methylene chloride			0.5	U
156-60-5	trans-1,2-Dichloroethene	9		0.5	U
1634-04-4	Methyl tert-butyl ether			0.5	U
75-34-3	1,1-Dichloroethane			0.5	U
156-59-2	cis-1,2-Dichloroethene	Î		0.5	U
78-93-3	2-Butanone			5	U
74-97-5	Bromochloromethane			0.5	U
67-66-3	Chloroform			0.5	U
71-55-6	1,1,1-Trichloroethane			0.5	U
110-82-7	Cyclohexane			0.5	U
56-23-5	Carbon tetrachloride			0.5	U
71-43-2	Benzene			0.5	U
107-06-2	1,2-Dichloroethane			0.5	U
123-91-1	1,4-Dioxane			20	U
79-01-6	Trichloroethene			0.5	U

Form I VOA-53 (e-form)

108-87-2

78-87-5

75-27-4

10061-01-5

Methylcyclohexane

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:	DataChem I	aboratories	Inc.	Cont	ract:				YE9 GW~05)	
_		Case No.:			SAS No.	:	_ <u>_</u> SD	G No.:	H1YE1	_
Matrix: (soil	l/water)	WATER			La	b Sample	- ID:	712800)2009	
Sample wt/vol	1. 25	(g/mL) mL	_		La	b File II) •			
	-	_ (9/112)	_							-
Level: (low/r	ned) LOW				. Da	te Receiv	red:	05/07/	2007	
% Moisture: r	not dec.	NA			Da	te Analyz	ed:	5/12/20	107	
GC Column: _		ID:	(mm)		Di	lution Fa	ctor:	1	_	
Soil Extract	Volume:		(uL)		So	il Aliquo	t Vol	ume:	(ı	ιL
CAS NO.	COMPOU	ND				CONCENTRA			Q L	
108-10-1	4-Methyl	-2-Pentanoi	ne						5 U	
108-88-3	Toluene								.5 U	
10061-02-6	trans-1,	3-Dichloro	propene						.5 U	
79-00-5	1,1,2-Ti	ichloroeth	ane						.5 U	
127-18-4	Tetrachl	oroethene						0	.5 ป	
591-78-6	2-Hexano								5 บ	
124-48-1	Dibromoc	hlorometha	ie						. 5 U	_
106-93-4	1,2-Dib	omoethane							.5 U	
108-90-7	Chlorobe	nzene							.5 ช	
100-41-4	Ethylber	zene						0	.5 ซ	
95-47-6	o-Xylene	·						0	. 5 ซ	
179601-23-1	m,p-Xyle	ne						0	.5 U	
100-42-5	Styrene							0	.5 U	
75-25-2	Bromofor	m						0	. 5 ซ	
98-82-8	Isopropy	lbenzene						0	.5 บ	
79-34-5	1,1,2,2-	Tetrachloro	ethane					0	.5 U	
541-73-1	1,3-Dich	lorobenzene	?					0	.5 ປ	
106-46-7	1,4-Dich	lorobenzene	·					0	.5 U	_
95-50-1	1,2-Dich	lorobenzene	,					0	.5 U	_
96-12-8	1,2-Dibr	omo-3-chlor	opropane	e				0	.5 U	_
120-82-1		ichlorobenz						0	.5 บ	_
87-61-6		ichlorobenz	_					0	.5 U	_

0.5 U

0.5 U

EPA SAMPLE NO.

Lab Name:	DataChem 1	Laboratories	s, Inc.	Contract:		H1YF (BGH-GW	
Lab Code: _	DATAC	Case No.:	36335	SAS No	.:	SDG No.: 1	11YE1
Matrix: (soil	(/water)	WATER		Lá	ab Sample ID:	71280020	010
Sample wt/vol	l: 25	(g/mL) mL	,	Lá	ab File ID:		
Level: (low/m	ned) LOW			Da	ate Received:	05/07/20	107
% Moisture: n	ot dec.	NA		Da	ate Analyzed:	5/12/2007	
GC Column: _		ID:	(mm)	Di	lution Facto	r: 1	
Soil Extract					oil Aliquot V		
CAS NO.	COMPOU	IN D			CONCENTRATIO	ON UNITS: (Kg) ug/L	_
75-71-8	Dichlor	odifluorome	thane			0.5	U
74-87-3	Chlorom	ethane				0.5	
75-01-4	Vinyl c	hloride				0.5	Ŭ
74-83-9	Bromome	thane	·			0.5	U
75-00-3	Chloroe	thane				0.5	Ü
75-69-4	Trichlo	rofluoromet	nane			0.5	υ
75-35-4	1,1-Dic	hloroethene				0.5	U
76-13-1	1,1,2-T	richloro-1,	2,2-trifl	uoroethane		0.5	Ü
67-64-1	Acetone					5	Ŭ
75-15-0	Carbon	disulfide				0.5	U
79-20-9	Methyl	acetate			·	0.5	U
75-09-2	Methyle	ne chloride				0.13	JB
156-60-5	trans-1	,2-Dichloro	ethene		1	0.5	U
1634-04-4	Methyl	tert-butyl (ether			0.5	U
75-34-3	1,1-Dic	hloroethane				0.5	Ŭ
156-59-2	cis-1,2	-Dichloroeth	nene			0.5	U
78-93-3	2-Butan	one					U
74-97-5	Bromoch	loromethane				0.5	U
67-66-3	Chlorof	orm				0.5	U
71-55-6	1,1,1-T	richloroetha	ane			0.5	Ū
110-82-7	Cyclohe	xane				0.5	U
56-23-5	Carbon	tetrachlorio	ie			0.5	Ŭ
71-43-2	Benzene					0.5	U
107-06-2	1,2-Dic	hloroethane				0.5	U
123-91-1	1,4-Dio	xane				20	U
79-01-6	Trichlo	roethene				0.5	Ü
108-87-2	Methylc	yclohexane				0.5	U

Form I VOA-59 (e-form)

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

78-87-5

75-27-4

10061-01-5

1A (e-form)

Isopropylbenzene

1,3-Dichlorobenzene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

1,1,2,2-Tetrachloroethane

1,2-Dibromo-3-chloropropane

98-82-8

79-34-5

541-73-1

106-46-7

95-50-1

96-12-8

120-82-1

87-61-6

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

	***************************************	millione entre binadi.		
Lab Name:I	DataChem Laboratories, Inc.	Contract:	H1YF (BGH-GW	
Lab Code: _ I	DATAC Case No.: 36335	SAS No.:	SDG No.: _ F	11YE1
Matrix: (soil.	/water) WATER	Lab Sample ID	: 71280020	10
Sample wt/vol	: 25 (g/mL) mL	Lab File ID:		
Level: (low/me	ed) LOW	Date Received	: 05/07/20	07
% Moisture: no	ot dec. NA	Date Analyzed	: 5/12/2007	
GC Column:	ID: (mm)	Dilution Facto	or: 1	
Soil Extract V	Volume: (uL)	Soil Aliquot	/olume:	(uL)
CAS NO.	COMPOUND	CONCENTRATI (ug/L or ug	ON UNITS: /Kg) ug/L	Q
108-10-1	4-Methyl-2-Pentanone	T-	5	U
108-88-3	Toluene		0.5	U
10061-02-6	trans-1,3-Dichloropropene		0.5	υ
79-00-5	1,1,2-Trichloroethane		0.5	U
127-18-4	Tetrachloroethene		0.5	Ŭ _
591-78-6	2-Hexanone			Ŭ
124-48-1	Dibromochloromethane		0.5	
106-93-4	1,2-Dibromoethane		0.5	Ŭ
108-90-7	Chlorobenzene			υ·
100-41-4	Ethylbenzene		0.5	-
95-47-6	o-Xylene		0.5	
179601-23-1	m,p-Xylene		0.5	
100-42-5	Styrene		0.5	
75-25-2	Bromoform		0.5	U

0.5 U

EPA SAMPLE NO.

		H1YF1 (BGH-GW-04)
	DataChem Laboratories, Inc. Contract:	
Lab Code:	DATAC Case No.: 36335 SAS	No.: SDG No.: H1YE1
Matrix: (soil	/water) WATER	Lab Sample ID: 7128002011
Sample wt/vol	: <u>25</u> (g/mL) <u>mL</u>	Lab File ID:
Level: (low/m	ed) LOW	Date Received: 05/07/2007
% Moisture: n	ot dec. NA	Date Analyzed: 5/12/2007
GC Column:	ID: (mm)	Dilution Factor: 1 .
	Volume:(uL)	Soil Aliquot Volume:(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/L
75-71-8	Dichlorodifluoromethane	0.5 U
74-87-3	Chloromethane	0.5 U
75-01-4	Vinyl chloride	0.5 U
74-83-9	Bromomethane	0.5 U
75-00-3	Chloroethane	0.5 U
75-69-4	Trichlorofluoromethane	0.5 U
75-35-4	1,1-Dichloroethene	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	
67-64-1	Acetone	5 U
75-15-0	Carbon disulfide	0.5 U
79-20-9	Methyl acetate	0.5 U
75-09-2	Methylene chloride	0.14 JB
156-60-5	trans-1,2-Dichloroethene	0.5 U
1634-04-4	Methyl tert-butyl ether	0.5 U
75-34-3	1,1-Dichloroethane	0.5 U
156-59-2	cis-1,2-Dichloroethene	0.5 U
78-93-3	2-Butanone	5 U
74-97-5	Bromochloromethane	0.5 U
67-66-3	Chloroform	0.5 U
71-55-6	1,1,1-Trichloroethane	0.5 U
110-82-7	Cyclohexane	0.5 U
56-23-5	Carbon tetrachloride	0.5 U
71-43-2	Benzene 1,2-Dichloroethane	0.5 U
107-06-2	1,4-Dioxane	20 U
123-91-1 79-01-6	Trichloroethene	0.5 U
108-87-2	Methylcyclohexane	0.5 U
78-87-5	1,2-Dichloropropane	0.5 U
75-27-4	Bromodichloromethane	0.5 U

Form I VOA-65 (e-form)

10061-01-5 cis-1,3-Dichloropropene

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

CAS NO.

COMPOUND

EPA SAMPLE NO.

CONCENTRATION UNITS:

Lab Name: DataChe	m Laboratories, Inc. (Contract: (BGH-GW-04)
Lab Code: DATAC	Case No.: 36335	SAS No.: SDG No.: H1YE1
Matrix: (soil/water)	WATER	Lab Sample ID: 7128002011
Sample wt/vol: 25	(g/mL) <u>mL</u>	Lab File ID:
Level: (low/med) L	OW	Date Received: 05/07/2007
% Moisture: not dec.	NA	Date Analyzed: <u>5/12/20</u> 07
GC Column:	(mm)	Dilution Factor: 1
Soil Extract Volume:	(uL)	Soil Aliquot Volume:(uL)

		(ug/L or ug/Kg) ug/L	_
108-10-1	4-Methyl-2-Pentanone	5	U
108-88-3	Toluene	0.5	Ü
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
127-18-4	Tetrachloroethene	0.5	U
591-78-6	2-Hexanone	5	Ŭ
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
100-41-4	Ethylbenzene	0.5	U
95-47-6	o-Xylene	0.5	U
179601-23-1	m,p-Xylene	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	Ü.
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
95-50-1	1,2-Dichlorobenzene	0.5	Ü
96-12-8	1,2-Dibromo-3-chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	Ü
87-61-6	1,2,3-Trichlorobenzene	0.5	Ü

1C (e-form)

EPA SAMPLE NO.

(ug/L or ug/Kg) ug/L

	SEM.	MOPALITE ON	JANICS ANALY	SIS DATA SHEET		
ab Name:	DataChem I	aboratories	, Inc. Con	tract:	ľ	YE0 GW-27)
ab Code:	DATAC	Case No.:	36335	SAS No.:	SDG No.:	H1PW2
atrix: (so	il/water)	WATER	_	Lab Sample I	ID: 71220	14005
ample wt/v	ol: <u>1000</u>	(g/mL) mL		Lab File ID:		<u> </u>
evel: (low	/med) LOW			Date Receive	ed: 05/01	2007
Moisture:	NA	Decanted:	(Y/N)	Date Extract	ed: 05/06/	2007
oncentrate	d Extract Vo	olume:	(uL)	Date Analyze	ed: 5/8/200)7
njection V	olume: _	(uL)		Dilution Fac	tor: <u>1</u>	
C Cleanup	: (Y/N)		рн6	Extraction:	(Type)	Unknown
CAS NO.	СОМРОИ	ND		CONCENTRAT	rion units:	

		(49/2 02 49/119/	. *
100-52-7	Benzaldehyde	1.3	J
108-95-2	Phenol	5	Ū
111-44-4	Bis(2-chloroethyl)ether	5	U
95-57-8	2-Chlorophenol	- 5	Ū
95-48-7	2-Methylphenol	5,	U
108-60-1	2,2'-Oxybis(1-chloropropane)	· · · · · · · · · · · · · · · · · · ·	Ū
98-86-2	Acetophenone	0.74	J
106-44-5	4-Methylphenol	5	Ü
621-64-7	N-Nitroso-di-n-propylamine	5	U
67-72-1	Hexachloroethane	5	Ü
98-95-3	Nitrobenzene	5	U
78-59-1	Isophorone	5	Ū
88-75-5	2-Nitrophenol	5	U
105-67-9	2,4-Dimethylphenol	5	U
111-91-1	Bis(2-chloroethoxy)methane	5	U
120-83-2	2,4-Dichlorophenol	- 5,	Ū
91-20-3	Naphthalene	5	Ū
106-47-8	4-Chloroaniline	5	U
87-68-3	Hexachlorobutadiene	5	U
105-60-2	Caprolactam	5	Ū
59-50-7	4-Chloro-3-methylphenol	5	Ü
91~57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	U
95-95-4	2,4,5-Trichlorophenol	5	U
92-52-4	1,1'-Biphenyl	5	U
91-58-7	2-Chloronaphthalene	5	Ü
88-74-4	2-Nitroaniline	10	Ü
131-11-3	Dimethylphthalate	5	Ū
606-20-2	2,6-Dinitrotoluene	- 5	U
208-96-8	Acenaphthylene	5	U
99-09-2	3-Nitroaniline	10	Ü
83-32-9	Acenaphthene	5	Ü
51-28-5	2,4-Dinitrophenol	10	Ū
100-02-7	4-Nitrophenol	10	U

Form I SV-49 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YE0 (BGH-GW-27) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: _____ SDG No.: H1PW2 Matrix: (soil/water) WATER Lab Sample ID: 7122014005 Sample wt/vol: 1000 (g/mL) mL Lab File ID: Date Received: 05/01/2007 Level: (low/med) LOW % Moisture: NA Decanted: (Y/N) Date Extracted: 05/06/2007 Concentrated Extract Volume: Date Analyzed: 5/8/2007 Injection Volume: (uL) Dilution Factor: GPC Cleanup: (Y/N) рH Extraction: (Type) Unknown CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Q

		(ug/L or ug/kg)	ug/L	, Q
132-64-9	Dibenzofuran		5	U
121-14-2	2,4-Dinitrotoluene		- 5	U
84-66-2	Diethylphthalate		5	Ū
86-73-7	Fluorene		5	U
7005-72-3	4-Chlorophenyl-phenylether		5	U
100-01-6	4-Nitroaniline		10	Ū
534-52-1	4.6-Dinitro-2-methylphenol		10	υ
86-30-6	N-Nitrosodiphenylamine		5	Ū
95-94-3	1,2,4,5-Tetrachlorobenzene		5	U
101-55-3	4-Bromophenyl-phenylether		- 5	U
118-74-1	Hexachlorobenzene		5	Ū
1912-24-9	Atrazine		5	Ū
87-86-5	Pentachlorophenol		10	U
85-01-8	Phenanthrene		5	Ü
120-12-7	Anthracene		- 5	U
86-74-8	Carbazole		5	U
84-74-2	Di-n-butylphthalate		- 5	U
206-44-0	Fluoranthene		5	Ü
129-00-0	Pyrene		5	Ū
85-68-7	Butylbenzylphthalate		5	Ū
91-94-1	3,3'-Dichlorobenzidine		5	U
56-55-3	Benzo(a)anthracene	·	5	Ū
218-01-9	Chrysene		5	Ü
117-81-7	Bis(2-ethylhexyl)phthalate		5	Ü
117-84-0	Di-n-octylphthalate		5	U
205-99-2	Benzo(b)fluoranthene		5	U
207-08-9	Benzo(k)fluoranthene		5	Ü
50-32-8	Benzo(a)pyrene		5	Ū
193-39-5	Indeno(1,2,3-cd)pyrene		5	Ū
53-70-3	Dibenzo(a,h)anthracene		5	U
191-24-2	Benzo(g,h,i)perylene		-5	U
58-90-2	2,3,4,6-Tetrachlorophenol		5	U

1C (e-form)

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

			H1YE3 (BGH-GW-00)
Lab Name:	DataChem Laboratories, Inc. Con	tract:	
Lab Code:	DATAC Case No.: 36335	SAS No.:	SDG No.: H1YE1
Matrix: (soil	/water) <u>WATER</u>	Lab Sample ID:	7124020002
Sample wt/vol	: 1000 (g/mL) mL	Lab File ID:	
Level: (low/m	ed) <u>LOW</u>	Date Received:	05/04/2007
% Moisture:	NA Decanted: (Y/N)	Date Extracted	: 05/06/2007
Concentrated .	Extract Volume:(uL)	Date Analyzed:	5/8/2007
Injection Vol	ume:(uL)	Dilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N) pH6	Extraction:	(Type) Unknown
CAS NO.	COMPOUND	CONCENTRATIO	ON UNITS:
	·	(ug/L or ug/	(Kg) ug/L Q
100-52-7	Benzaldehyde		5 0
108-95-2	Phenol		5 0
111-44-4	Bis(2-chloroethyl)ether		5 U
95-57-8	2-Chlorophenol		5 0
95-48-7	2-Methylphenol		5 U
108-60-1	2,2'-Oxybis(1-chloropropane)		5 0
98-86-2	Acetophenone	-·- -	5 U
106-44-5	4-Methylphenol		5 0
621-64-7	N-Nitroso-di-n-propylamine		5 U
67-72-1	Hexachloroethane		5 Ü
98-95-3	Nitrobenzene	· <u>1</u>	5 Ü
78-59-1	Isophorone		5 U
88-75-5	2-Nitrophenol	·	5 0
105-67-9	2,4-Dimethylphenol	T -	5 0
111-91-1	Bis(2-chloroethoxy)methane		5 U
120-83-2	2,4-Dichlorophenol	-	5 U
91-20-3	Naphthalene		5 U
106-47-8	4-Chloroaniline		5 U
87-68-3	Hexachlorobutadiene		5 U
105-60-2	Caprolactam		5 U
59-50-7	4-Chloro-3-methylphenol		5 U
91-57-6	2-Methylnaphthalene		5 U
77-47-4	Hexachlorocyclopentadiene		5 U
88-06-2	2,4,6-Trichlorophenol		5 U
95-95-4	2,4,5-Trichlorophenol		5 Ü
92-52-4	1,1'-Biphenyl		5 U
91-58-7	2-Chloronaphthalene		5 U
88-74-4	2-Nitroaniline		10 0
131-11-3	Dimethylphthalate		5 U
606-20-2	2,6-Dinitrotoluene		5 U
208-96-8	Acenaphthylene		5 U
99-09-2	3-Nitroaniline		10 Ü
83-32-9	Acenaphthene		5 U
51-28-5	2,4-Dinitrophenol 4-Nitrophenol		10 U
100-02-7	4-MICIOPNENOI		1010

Form I SV-7 (e-form)

1C (e-form)

EPA SAMPLE NO.

H1YE3

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: _ I	DataChem Laboratories, Inc. Cont	ract:(BGH-GW-00)	
		SAS No.: SDG No.: H1YE1	
	/water) WATER	Lab Sample ID: 7124020002	
Sample wt/vol:	1000 (g/mL) mL	Lab File ID:	
Level: (low/me		Date Received: 05/04/2007	
	· ———		
% Moisture:	NA Decanted: (Y/N)	Date Extracted: 05/06/2007	
Concentrated F	Extract Volume:(uL)	Date Analyzed: 5/8/2007	
Injection Volu	mme: (uL)	Dilution Factor: 1	
GPC Cleanup:	(Y/N) pH6	Extraction: (Type) Unknown	
	•		_
CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) ug/L Q	
132-64-9	Dibenzofuran	51 U	7
121-14-2	2,4-Dinitrotoluene	5 0	⊣
84-66-2	Diethylphthalate	5 U	ᅥ
8.6-73-7	Fluorene	5 Ú	┪
7005-72-3	4-Chlorophenyl-phenylether	5 U	┪
100-01-6	4-Nitroaniline	10 U	ᅥ
534-52-1	4,6-Dinitro-2-methylphenol	10 0	⊣
86-30-6	N-Nitrosodiphenylamine	5 0	Ⅎ
95-94-3	1,2,4,5-Tetrachlorobenzene	5 0	┪
101-55-3	4-Bromophenyl-phenylether	5 0	ᅥ
118-74-1	Hexachlorobenzene	5 U	┪
1912-24-9	Atrazine	5 0	⊣
87-86-5	Pentachlorophenol	10 U	Ⅎ
85-01-8	Phenanthrene	5 0	┨
120-12-7	Anthracene .	5 0	Ⅎ
86-74-8	Carbazole	5 0	_
84-74-2	Di-n-butylphthalate	5 0	-
206-44-0	Fluoranthene	5 0	┪
129-00-0	Pyrene	5 0	┪
85-68-7	Butylbenzylphthalate	5 U	┪
91-94-1	3,3'-Dichlorobenzidine	5 U	٦
56-55-3	Benzo(a) anthracene	5 U	٦
218-01-9	Chrysene	5 U	٦
117-81-7	Bis(2-ethylhexyl)phthalate	0.48 J	٦
117-84-0	Di-n-octylphthalate	5 U	٦
205-99-2	Benzo(b)fluoranthene	5 บ	٦
207-08-9	Benzo(k)fluoranthene	5 U	٦
50-32-8	Benzo (a) pyrene	5 U	٦
193-39-5	Indeno(1,2,3-cd)pyrene	5 U	٦
53-70-3	Dibenzo(a,h)anthracene	5 U	٦
191-24-2	Benzo(g,h,i)perylene	5 U	7
58-90-2	2,3,4,6-Tetrachlorophenol	5 U	٦

EPA SAMPLE NO.

H1YE4

Lab Name:	DataChem Laboratories, Inc. Contr	act:(BGH-GW-03)
Lab Code:	DATAC Case No.: 36335	
Matrix: (soi	1/water) WATER	Lab Sample ID: 7128002002
Sample wt/vo	1: 1000 (g/mL) mL	Lab File ID:
Level: (low/	med) LOW	Date Received: 05/07/2007
	NA Decanted: (Y/N)	
Concentrated	Extract Volume: (uL)	Date Analyzed: <u>5/14/2007</u>
Injection Vo	lume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH6	Extraction: (Type) Unknown
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/L Q
100-52-7	Benzaldehyde	5 U
108-95-2	Phenol	5 0
111-44-4	Bis(2-chloroethyl)ether	5 U
95-57-8	2-Chlorophenol	5 0
95-48-7	2-Methylphenol	5 0
108-60-1	2,2'-Oxybis(1-chloropropane)	5 0
98-86-2	Acetophenone	5 0
106-44-5	4-Methylphenol	5 U
621-64-7	N-Nitroso-di-n-propylamine	
67-72-1	Hexachloroethane	5 0
98-95-3	Nitrobenzene	5 <u>0</u>
78-59-1	Isophorone	5 Ŭ
88-75-5	2-Nitrophenol	5 0
105-67-9	2,4-Dimethylphenol	5 0
111-91-1	Bis(2-chloroethoxy) methane	5 0
120-83-2	2,4-Dichlorophenol	5 Ü
91-20-3	Naphthalene	
106-47-8	4-Chloroaniline	5 U
87~68-3	Hexachlorobutadiene	5 0
105-60-2	Caprolactam	5 0
59-50-7	4-Chloro-3-methylphenol	5 U
91-57-6	2-Methylnaphthalene	
77-47-4	Hexachlorocyclopentadiene	
88-06-2	2,4,6-Trichlorophenol	5 0
95-95-4	2,4,5-Trichlorophenol	<u> </u>
92-52-4	1,1'-Biphenyl	5 U
91-58-7	2-Chloronaphthalene	5 0
88-74-4	2-Nitroaniline	10 0
131-11-3	Dimethylphthalate	5 U
606-20-2	2,6-Dinitrotoluene	5 U
208-96-8	Acenaphthylene	5 0
99-09-2	3-Nitroaniline	10 0
83-32-9	Acenaphthene	5 0
51-28-5	2 4-Dinitrophenol	10111

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

tab Name: I	DataChem Laboratories, Inc. Contract:	H1YE4 (BGH-GW-03)
_	DATAC Case No.: 36335 SAS No.:	
Lab Code:	 , 	
Matrix: (soil.	/water) WATER Lab Samp	ple ID: 7128002002
Sample wt/vol	: 1000 (g/mL) mL Lab File	e ID:
Level: (low/me	ed) LOW Date Rec	ceived: <u>05/07/2007</u>
% Moisture:	NA Decanted: (Y/N) Date Ext	racted: <u>05/12/2007</u>
Concentrated I	Extract Volume: (uL) Date Ana	alyzed: <u>5/14/2007</u>
Injection Volu	ume:(uL) Dilution	Factor: 1
GPC Cleanup:	(Y/N) pH 6 Extracti	ion: (Type) <u>Unknown</u>
CAS NO.	COMPOUND CONCE	NTRATION UNITS:
	(ug/L	or ug/Kg) ug/L Q
132-64-9	Dibenzofuran	5 U
121-14-2	2,4-Dinitrotoluene	5 Ū
84-66-2	Diethylphthalate	5 U
86-73-7	Fluorene	5 U
7005-72-3	4-Chlorophenyl-phenylether	5 U
100-01-6	4-Nitroaniline	10 U
534-52-1	4,6-Dinitro-2-methylphenol	10 0
86-30-6	N-Nitrosodiphenylamine	5 U
95-94-3	1,2,4,5-Tetrachlorobenzene	5 U
101-55-3	4-Bromophenyl-phenylether	5 U
118-74-1	Hexachlorobenzene	5 U
1912-24-9	Atrazine	5 U
87-86-5	Pentachlorophenol	10 U
85-01-8	Phenanthrene	5 U
120-12-7	Anthracene	5 บ
86-74-8	Carbazole	5 U
84-74-2	Di-n-butylphthalate	5 U
206-44-0	Fluoranthene	5 U
129-00-0	Pyrene	5 U
85-68-7	Butylbenzylphthalate	5 U
91-94-1	3,3'-Dichlorobenzidine	5 U
56-55-3	Benzo(a)anthracene	5 U
218-01-9	Chrysene	5 U
117-81-7	Bis(2-ethylhexyl)phthalate	0.43 J
117-84-0	Di-n-octylphthalate	5_ U
205-99-2	Benzo(b)fluoranthene	5 U
207-08-9	Benzo(k)fluoranthene	5 U
50-32-8	Benzo(a)pyrene	5_U
193-39-5	Indeno(1,2,3-cd)pyrene	5 U
53-70-3	Dibenzo(a,h)anthracene	5 U
191-24-2	Benzo(g,h,i)perylene	5 U
E0 00 0	3 3 4 6 Matraghlarophonal	5 77

4-Nitrophenol

EPA SAMPLE NO.

			Н1YE (BGH-GW-	
Lab Name: _	DataChem Laboratories, Inc. Cont	ract:	(Bail Gil	01 7
Lab Code:	DATAC Case No.: 36335	SAS No.:	SDG No.: _H	HIYEI
Matrix: (soi	l/water) <u>WATER</u>	Lab Sample ID:	71280020	003
Sample wt/vo	1: 1000 (g/mL) mL	Lab File ID:		
Level: (low/	med) LOW	Date Received:	05/07/20	107
% Moisture:	NA Decanted: (Y/N)	Date Extracted	: 05/12/20	107
Concentrated	Extract Volume:(uL)	Date Analyzed:	5/14/2007	
Injection Vo.	lume:(uL)	Dilution Facto	r: <u>1</u>	-
GPC Cleanup:	(Y/N) pH 6	Extraction:	(Type) Un	known
CAS NO.	COMPOUND	CONCENTRATIO	N UNITS:	
		(ug/L or ug/	Kg) ug/L	Q
100-52-7	Benzaldehyde		- 5	ד
108-95-2	Phenol		5	
111-44-4	Bis(2-chloroethyl)ether		5	
95-57-8	2-Chlorophenol		- 5	
95-48-7	2-Methylphenol		5	-
108-60-1	2,2'-0xybis(1-chloropropane)		5	U -
98-86-2	Acetophenone		5	Ū
106-44-5	4-Methylphenol		- 5	U
621-64-7	N-Nitroso-di-n-propylamine		-51	U
67-72-1	Hexachloroethane		5	U
98-95-3	Nitrobenzene		- 5	Ū
78-59-1	Isophorone		- 5	Ū
88-75-5	2-Nitrophenol		5	Ü
105-67-9	2,4-Dimethylphenol		5	
111-91-1	Bis(2-chloroethoxy)methane		5	Ū
120-83-2	2,4-Dichlorophenol		5	Ū
91-20-3	Naphthalene		5	U
106-47-8	4-Chloroaniline		5	Ū
87-68-3	Hexachlorobutadiene		5	U
105-60-2	Caprolactam		5	Ü
59-50-7	4-Chloro-3-methylphenol		5	
91-57-6	2-Methylnaphthalene	-	5	Ü
77-47-4	Hexachlorocyclopentadiene	-	- 5	U
88-06-2	2,4,6-Trichlorophenol		5	U
95-95-4	2,4,5-Trichlorophenol	· · · · · · · · · · · · · · · · · · ·	5	Ū
92-52-4	1,1'-Biphenyl		5	
91-58-7	2-Chloronaphthalene		5	Ü
88-74-4	2-Nitroaniline		10	
131-11-3	Dimethylphthalate		-	Ŭ
606-20-2	2,6-Dinitrotoluene		5	
208-96-8	Acenaphthylene			U
99-09-2	3-Nitroaniline		10	
83-32-9	Acenaphthene		5	
51-28-5	2.4-Dinitrophenol		10	Ü
100-02-7	4-Nitrophenol		10	U

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

r = b Name	DataChem Laboratories, Inc. Contract:	H1YI (BGH-GW	
_			
Lab Code:I	DATAC Case No.: 36335 SAS No.:	SDG No.: _	H1YE1
Matrix: (soil	/water) WATER Lab Sample ID:	7128002	003
Sample wt/vol	: 1000 (g/mL) mL Lab File ID:		
Level: (low/me	ed) LOW Date Received:	_05/07/2	007
% Moisture:	NA Decanted: (Y/N) Date Extracted	: _05/12/2	007
Concentrated 1	Extract Volume:(uL) Date Analyzed:	5/14/200	7
Injection Volu	ume:(uL) Dilution Facto	r: <u>1</u>	_
GPC Cleanup:	(Y/N) pH 6 Extraction:	(Type) U	nknown
CAS NO.	COMPOUND CONCENTRATIO	N IINITTS:	
	(ug/L or ug/		Q
132-64-9	Dibenzofuran		- ਹ ਹ
121-14-2	2.4-Dinitrotoluene		Ü
84-66-2	Diethylphthalate		Ü
86-73-7	Fluorene		U
7005-72-3	4-Chlorophenyl-phenylether		_
100-01-6	4-Nitroaniline	10	
534-52-1	4,6-Dinitro-2-methylphenol		i ö -
86-30-6	N-Nitrosodiphenylamine		
95-94-3	1,2,4,5-Tetrachlorobenzene		 <u> </u>
101-55-3	4-Bromophenyl-phenylether	5	
118-74-1	Hexachlorobenzene		
1912-24-9	Atrazine		- ŭ
87-86-5	Pentachlorophenol		Ü
85-01-8	Phenanthrene		_
120-12-7	Anthracene		Ū
86-74-8	Carbazole		Ū
84-74-2	Di-n-butylphthalate		Ü
206-44-0	Fluoranthene		U
129-00-0	Pyrene	5	U
85-68-7	Butylbenzylphthalate		Ú
91-94-1	3,3'-Dichlorobenzidine		U
56-55-3	Benzo(a)anthracene	5	U
218-01-9	Chrysene		Ū
117-81-7	Bis(2-ethylhexyl)phthalate		U
117-84-0	Di-n-octylphthalate		U
205-99-2	Benzo(b)fluoranthene	- 5	U
207-08-9	Benzo(k)fluoranthene	5	Ü
50-32-8	Benzo(a) pyrene	5	
193-39-5	Indeno(1,2,3-cd)pyrene	5	1 -
53-70-3	Dibenzo(a,h)anthracene	5	U
191-24-2	Benzo(g,h,i)perylene	5	U
58-90-2	2,3,4,6-Tetrachlorophenol	5	U

EPA SAMPLE NO.

H1YE6

Lab Name:	DataChem Laboratories, Inc. Cont	ract: (BGH-GW-02)
Lab Code:	DATAC Case No.: 36335	SAS No.: SDG No.: H1YE1
Matrix: (soi)	/water) WATER	Lab Sample ID: 7128002004
Sample wt/vol	: 1000 (g/mL) mL	Lab File ID:
Level: (low/m	ned) LOW	Date Received:05/07/2007
	NA Decanted: (Y/N)	Date Extracted: _05/12/2007
Concentrated	Extract Volume: (uL)	Date Analyzed: 5/14/2007
Injection Vol	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH6	Extraction: (Type) Unknown
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Q
100-52-7	Benzaldehyde	51 0
108-95-2	Phenol	5 0
111-44-4	Bis(2-chloroethyl)ether	5 0
95-57-8	2-Chlorophenol	51 0
95-48-7	2-Methylphenol	5 0
108-60-1	2,2'-Oxybis(1-chloropropane)	5 U
98-86-2	Acetophenone	
106-44-5	4-Methylphenol	
621-64-7	N-Nitroso-di-n-propylamine	
67-72-1	Hexachloroethane	5 0
98-95-3	Nitrobenzene	
78-59-1	Isophorone	5 U
88-75-5	2-Nitrophenol	5 U
105-67-9	2,4-Dimethylphenol	5 U
111-91-1	Bis(2-chloroethoxy)methane	5 U
120-83-2	2,4-Dichlorophenol	5 U
91-20-3	Naphthalene	5 U
106-47-8	4-Chloroaniline	5 U
87-68-3	Hexachlorobutadiene	5 U
105-60-2	Caprolactam	5 0
59-50-7	4-Chloro-3-methylphenol	5 U
91-57-6	2-Methylnaphthalene	5 Ú
77-47-4	Hexachlorocyclopentadiene	5 U
88-06-2	2,4,6-Trichlorophenol	5 U
95-95-4	2,4,5-Trichlorophenol	5 U
92-52-4	1,1'-Biphenyl	5 U
91-58-7	2-Chloronaphthalene	5 U
88-74-4	2-Nitroaniline	10 U
131-11-3	Dimethylphthalate	5 U
606-20-2	2,6-Dinitrotoluene	5 U
208-96-8	Acenaphthylene	5 U
99-09-2	3-Nitroaniline	10 U
83-32-9	Acenaphthene	5 U
51-28-5	2,4-Dinitrophenol	10 U
100-02-7	4-Nitrophenol	10 U

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YE6

Lab Name: I	DataChem Laboratories, Inc. Contract:	(BGH-0	GW~02)
	DATAC Case No.: 36335 SAS No.:	DG No.:	H1YE1
Matrix: (soil	/water) WATER Lab Sample ID:	712800	2004
Sample wt/vol	: 1000 (g/mL) mL Lab File ID:	_	
Level: (low/me			
B. M. J. a. b	NA Decanted: (Y/N) Date Extracted:	05/12/	2007
Concentrated I	Extract Volume: (uL) Date Analyzed:	5/14/20	07
Injection Volu	ume: (uL) Dilution Factor	: 1	_
GPC Cleanup:	(Y/N) pH <u>6</u> Extraction: (Туре)	Unknown
CAS NO.	COMPOUND CONCENTRATION	INNITS:	
CID NO.	(ug/L or ug/K		
132-64-9	Dibenzofuran		51 U
121-14-2	2.4-Dinitrotoluene		5 U
	Diethylphthalate		5 0
84-66-2			5 U
86-73-7	Fluorene		5 U
7005-72-3	4-Chlorophenyl-phenylether		
100-01-6	4-Nitroaniline		10 U
534-52-1	4,6-Dinitro-2-methylphenol		10 U
86-30-6	N-Nitrosodiphenylamine		5 Ú
95-94-3	1,2,4,5-Tetrachlorobenzene		5 U
101-55-3	4-Bromophenyl-phenylether		5 U
118-74-1	Hexachlorobenzene		5 U
1912-24-9	Atrazine		5 Ü
87-86-5	Pentachlorophenol		10 U
85-01-8	Phenanthrene		5 U
120-12-7	Anthracene		5 U
86-74-8	Carbazole		5 U
84-74-2	Di-n-butylphthalate		5 Ü
206-44-0	Fluoranthene		5 U
129-00-0	Pyrene		5 0
85-68-7	Butylbenzylphthalate		5 U
91-94-1	3,3'-Dichlorobenzidine		5 U
56-55-3	Benzo (a) anthracene		5 U
218-01-9	Chrysene		5 U
117-81-7	Bis(2-ethylhexyl)phthalate		5 U
117-84-0	Di-n-octylphthalate		5 U
205-99-2	Benzo(b)fluoranthene		5 U
207-08-9	Benzo(k)fluoranthene		5 U
50-32-8	Benzo(a)pyrene		5 U
193-39-5	Indeno(1,2,3-cd)pyrene		5 U
53-70-3	Dibenzo(a,h)anthracene		5 U

Benzo(g,h,i)perylene
2,3,4,6-Tetrachlorophenol

191-24-2

EPA SAMPLE NO.

Lah Name	DataChom Isbovatovice Inc. Contract	H1YE (BGH-GW	
_	DataChem Laboratories, Inc. Contract:		
	DATAC Case No.: 36335 SAS N	SDG No.:	H1YE1
Matrix: (soil	/water) <u>WATER</u>	Lab Sample ID: 71280020	007
Sample wt/vol	: 1000 (g/mL) mL	Lab File ID:	
Level: (low/me	ed) LOW	Date Received: 05/07/20	07
% Moisture:	NA Decanted: (Y/N)	Date Extracted: 05/12/20	007
Concentrated I	Extract Volume: (uL)	Date Analyzed: 5/14/2007	<u>'_</u>
Injection Volu	ume: (uL)	Dilution Factor: 1	-
GPC Cleanup:	· ·	Extraction: (Type) Un	-
GNG ***		_	
CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) <u>ug/L</u>	. Q
100-52-7	Benzaldehyde		- די יי
108-95-2	Phenol		10-1
111-44-4	Bis(2-chloroethyl)ether		T Ü
95-57-8	2-Chlorophenol		Ü
95-48-7		5	
108-60-1	2,2'-0xybis(1-chloropropane)	5	Ū
98-86-2	Acetophenone	0.89	
106-44-5	4-Methylphenol	5	
621-64-7	N-Nitroso-di-n-propylamine	5	
67-72-1	Hexachloroethane	- 5	
98-95-3	Nitrobenzene	5	
78-59-1	Isophorone	5	
88-75-5	2-Nitrophenol	5	Ü
105-67-9	2,4-Dimethylphenol	- 5	
111-91-1	Bis(2-chloroethoxy)methane	5	Ū
120-83-2	2,4-Dichlorophenol	- 5	
91-20-3	Naphthalene	5	U
106-47-8	4-Chloroaniline	5	
87-68-3	Hexachlorobutadiene	5	
105-60-2	Caprolactam	5	
59-50-7	4-Chloro-3-methylphenol	5	
91-57-6	2-Methylnaphthalene	5	
77-47-4	Hexachlorocyclopentadiene	5	Ü
88-06-2	2,4,6-Trichlorophenol	5	U
95-95-4	2,4,5-Trichlorophenol	5	_
92-52-4	1,1'-Biphenyl	5	U
91-58-7	2-Chloronaphthalene	5	
88-74-4	2-Nitroaniline	10	
131-11-3	Dimethylphthalate	5	U
606-20-2	2,6-Dinitrotoluene	5	
208-96-8	Acenaphthylene	5	
99-09-2	3-Nitroaniline	10	_
83-32-9	Acenaphthene	5	Ü
51-28-5	2,4-Dinitrophenol	10	Ü
100-02-7	4-Nitrophenol	10	U

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lah Name I	DataChem Laboratories, Inc. Contract:	H1YE7 (BGH-GW-08)
Lab Code:I	DATAC Case No.: 36335 SAS No.	: SDG NO.: HIYEI
Matrix: (soil	/water) WATER Lab	o Sample ID: 7128002007
Sample wt/vol	: 1000 (g/mL) mL Lab	o File ID:
Level: (low/me	ed) <u>LOW</u> Dat	e Received: 05/07/2007
% Moisture:	NA Decanted: (Y/N) Date	e Extracted: 05/12/2007
Concentrated I	Extract Volume:(uL) Dat	e Analyzed: 5/14/2007
Injection Volu	ume:(uL) Dil	ution Factor: 1
GPC Cleanup:	(Y/N) pH6 Ext	raction: (Type) Unknown
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/L Q
132-64-9	Dibenzofuran	5 U
121-14-2	2,4-Dinitrotoluene	5 U
84-66-2 86-73-7 7005-72-3	Diethylphthalate	5 U
86-73-7	Fluorene	5 U
	4-Chlorophenyl-phenylether	5 U
100-01-6	4-Nitroaniline	10 U
534-52-1	4,6-Dinitro-2-methylphenol	10 U
86-30-6	N-Nitrosodiphenylamine	5 U
95-94-3	1,2,4,5-Tetrachlorobenzene	5 U
101-55-3	4-Bromophenyl-phenylether	5 U
118-74-1	Hexachlorobenzene	5 U
1912-24-9	Atrazine	5 U
87-86-5	Pentachlorophenol	10 U
85-01-8	Phenanthrene	5 U
120-12-7	Anthracene	5 0
86-74-8	Carbazole	5 U
84-74-2	Di-n-butylphthalate	5 U
206-44-0	Fluoranthene	5 Ü
129-00-0	Pyrene	5 U
85-68-7	Butylbenzylphthalate	5 U
91-94-1	3,3'-Dichlorobenzidine	5 Ü
56-55-3	Benzo(a)anthracene	5 U
218-01-9	Chrysene	5 U
117-81-7	Bis(2-ethylhexyl)phthalate	5 Ŭ
117-84-0	Di-n-octylphthalate	5 U
205-99-2	Benzo(b)fluoranthene	5 U
207-08-9	Benzo(k)fluoranthene	5 U
50-32-8	Benzo(a)pyrene	5 U
193-39-5	Indeno(1,2,3-cd)pyrene	5 0
53-70-3	Dibenzo(a, h) anthracene	5 U
191-24-2	Benzo(g,h,i)perylene	5 U
58-90-2	2,3,4,6-Tetrachlorophenol	5 U

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories, Inc. Contract:	H1YE8 (BGH-GW-07)
	DATAC Case No.: 36335 SAS No.:	
Matrix: (soil	/water) WATER Lab Sa	mple ID: 7128002008
Sample wt/vol	: <u>1000 (g/mL) mL</u> Lab Fi	le ID:
Level: (low/m	ed) LOW Date R	eceived: 05/07/2007
% Moisture:	NA Decanted: (Y/N) Date E	xtracted: 05/12/2007
Concentrated 1	Extract Volume:(uL) Date A	nalyzed: <u>5/14/2007</u>
Injection Vol	ume:(uL) Dilution	on Factor: 1
GPC Cleanup:	(Y/N) pH6 Extrac	tion: (Type) <u>Unknown</u>
CAS NO.		ENTRATION UNITS: L or ug/Kg) ug/L Q
100-52-7	Benzaldehyde	51 U
108-95-2	Phenol	5 0
111-44-4	Bis(2-chloroethyl)ether	5 U
95-57-8	2-Chlorophenol	5 0
95-48-7	2-Methylphenol	
108-60-1	2,2'-Oxybis(1-chloropropane)	5 0
98-86-2	Acetophenone 4-Methylphenol N-Nitroso-di-n-propylamine	5 0
106-44-5	4-Methylphenol	5 U
621-64-7	in with the distriction of the state of the	5 U
67-72-1	Hexachloroethane	5 U
98-95-3	Nitrobenzene	5 U
78-59-1	Isophorone	5 0
88-75-5	2-Nitrophenol	5 U
105-67-9	2,4-Dimethylphenol	5 U
111-91-1	Bis(2-chloroethoxy)methane	5 U
120-83-2	2,4-Dichlorophenol	· 5 0
91-20-3	Naphthalene 4-Chloroaniline	5 U
106-47-8 87-68-3	Hexachlorobutadiene	5 U
105-60-2	Caprolactam	5 U
59-50-7	4-Chloro-3-methylphenol	5 0
91-57-6	2-Methylnaphthalene	5 U
77-47-4	Hexachlorocyclopentadiene	5 U
88-06-2	2,4,6-Trichlorophenol	5 U
95-95-4	2,4,5-Trichlorophenol	5 0
92-52-4	1,1'-Biphenyl	5 Ū
91-58-7	2-Chloronaphthalene	5 U
88-74-4	2-Nitroaniline	10 U
131-11-3	Dimethylphthalate	5 U
606-20-2	2,6-Dinitrotoluene	5 บ
208-96-8	Acenaphthylene	5 U
99-09-2	3-Nitroaniline	10 U
83-32-9	Acenaphthene	5 U
51-28-5	2,4-Dinitrophenol	10 U
100-02-7	4-Nitrophenol	10 Û

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: I	DataChem Laboratories; Inc. Contract:		H1YE (BGH-GW	
	DATAC Case No.: 36335 SAS		SDG No.:	
· · · · · · · · · · · · · · · · · · ·	/water) WATER	Lab Sample ID:		
	· · · · · · · · · · · · · · · · · · ·	-	/1280021	308
Sample wt/vol	: 1000 (g/mL) mL	Lab File ID:		
Level: (low/me	ed) LOW	Date Received:	05/07/20	007
% Moisture:	NA Decanted: (Y/N)	Date Extracted	l: <u>05/12/2</u> 0	07
Concentrated E	Extract Volume:(uL)	Date Analyzed:	5/14/2007	
Injection Volu	ume:(uL)	Dilution Facto	r: <u>1</u>	_
GPC Cleanup:	(Y/N) pH <u>6</u>	Extraction:	(Type) <u>Ur</u>	known
CAS NO.	COMPOUND	CONCENTRATIO	ON UNITS:	
		(ug/L or ug/	'Kg) ug/L	Q
132-64-9	Dibenzofuran		- 5	TÜ
121-14-2	2,4-Dinitrotoluene			u
84-66-2	Diethylphthalate		5	Ū
86-73-7	Fluorene			Ü
7005-72-3	4-Chlorophenyl-phenylether		5	Ü
100-01-6	4-Nitroaniline		10	Ū
534-52-1	4.6-Dinitro-2-methylphenol	 		Ū
86-30-6	N-Nitrosodiphenylamine		- 5	Ū
95-94-3	1,2,4,5-Tetrachlorobenzene			Ū
101-55-3	4-Bromophenyl-phenylether			Ū
118-74-1	Hexachlorobenzene			Ū
1912-24-9	Atrazine	 	5	
87-86-5	Pentachlorophenol			Ū
85-01-8	Phenanthrene	-		Ü
120-12-7	Anthracene		5	
86-74-8	Carbazole	-+	5	
84-74-2	Di-n-butylphthalate	-		Ü
206-44-0	Fluoranthene			Ü
129-00-0	Pyrene		5.	Ū
85-68-7	Butylbenzylphthalate		5	
91-94-1	3,3'-Dichlorobenzidine		5	Ū
56-55-3	Benzo(a)anthracene		5	U
218-01-9	Chrysene		5	Ū
117-81-7	Bis(2-ethylhexyl)phthalate	· ·	5	Ü
117-84-0	Di-n-octylphthalate		5	Ū
205-99-2	Benzo(b) fluoranthene		5	Ū
207-08-9	Benzo(k)fluoranthene	· .	5	Ü
50-32-8	Benzo(a)pyrene		5	U
193-39-5	Indeno(1,2,3-cd)pyrene		5	Ú
53-70-3	Dibenzo(a,h)anthracene		5	U
191-24-2	Benzo(g,h,i)perylene		5	Ū
58-90-2	2.3.4.6-Tetrachlorophenol		5	

EPA SAMPLE NO.

Lab Name: _	DataChem Laboratories, Inc. Contrac	:t:	HIYE9 (BGH-GW-05)
Lab Code: _	DATAC Case No.: 36335 SA	S No.:	SDG No.: H1YE1
Matrix: (soi	l/water) WATER	Lab Sample ID:	7128002009
Sample wt/vol	l: 1000 (g/mL) mL		
Level: (low/r	ned) LOW		05/07/2007
% Moisture:	NA Decanted: (Y/N)	Date Extracted	: 05/12/2007
Concentrated	Extract Volume:(uL)	Date Analyzed:	5/14/2007
Injection Vol	lume: (uL)	Dilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N) pH 6	Extraction:	(Type) <u>Unknown</u>
CAS NO.	COMPOUND	CONCENTRATIO	ON UNITS:
		(ug/L or ug/	Kg) <u>ug/L</u> Q
100-52-7	Benzaldehyde		5T U
108-95-2	Phenol		5 U
111-44-4	Bis(2-chloroethyl)ether		5 บ
95-57-8	2-Chlorophenol		5 U
95-48-7	2-Methylphenol		
108-60-1	2,2'-Oxybis(1-chloropropane)		- 5 U
98-86-2	Acetophenone		<u>šl ü</u>
106-44-5	4-Methylphenol		
621-64-7	N-Nitroso-di-n-propylamine		5 0
67-72-1	Hexachloroethane		5 U
98-95-3	Nitrobenzene		3 0
78-59-1	Isophorone		5 U
88-75-5	2-Nitrophenol		- 5 U
105-67-9	2,4-Dimethylphenol		
			5 U
111-91-1	Bis(2-chloroethoxy)methane		5 U
120-83-2	2,4-Dichlorophenol		5 U
91-20-3	Naphthalene		5 U
106-47-8	4-Chloroaniline		5 U
87-68-3	Hexachlorobutadiene		5 U
105-60-2	Caprolactam		5 U
59-50-7	4-Chloro-3-methylphenol		5 U
91-57-6	2-Methylnaphthalene		5 U
77-47-4	Hexachlorocyclopentadiene		5 U
88-06-2	2,4,6-Trichlorophenol		5 U
95-95-4	2,4,5-Trichlorophenol		5 U
92-52-4	1,1'-Biphenyl		5 U
91-58-7	2-Chloronaphthalene		5 U
88-74-4	2-Nitroaniline		10 0
131 11-3	Dimethylphthalate		5 U
606-20-2	2,6-Dinitrotoluene		5 U
208-96-8	Acenaphthylene		5 U
99-09-2	3-Nitroaniline		10 U
83-32-9	Acenaphthene		5 U
51-58-5	2 A-Dinitrophenol		<u> </u>

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: DataChem Laboratories, Inc. Contract:	H1YE9 (BGH-GW-05)
Lab Code: DATAC Case No.: 36335 SAS No.:	SDG No.: H1YE1
Matrix: (soil/water) WATER Lab Sample ID	: _7128002009
Sample wt/vol: 1000 (g/mL) mt. Lab File ID:	
Level: (low/med) LOW Date Received	: 05/07/2007
% Moisture: NA Decanted: (Y/N) Date Extracted	d: 05/12/2007
Concentrated Extract Volume:(uL) Date Analyzed	5/14/2007
Injection Volume: (uL) Dilution Factor	or: <u>1</u>
GPC Cleanup: (Y/N) pH6 Extraction:	(Type) Unknown
CAS NO. COMPOIND CONCENTRATI	ON UNITS:

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) _ug/L	Q
132-64-9	Dibenzofuran	5	
121-14-2	2.4-Dinitrotoluene	5	Ü
84-66-2	Diethylphthalate	5	U
86-73-7	Fluorene	5	U
7005-72-3	4-Chlorophenyl-phenylether	5	U
100-01-6	4-Nitroaniline	10	Ū
534-52-1	4,6-Dinitro-2-methylphenol		
86-30-6	N-Nitrosodiphenylamine	5	
95-94-3	1,2,4,5-Tetrachlorobenzene	5	Ü
101-55-3	4-Bromophenyl-phenylether	5	U
118-74-1	Hexachlorobenzene	5	U
1912-24-9	Atrazine	- 5	U
87-86-5	Pentachlorophenol	10	U
85-01-8	Phenanthrene	5	Ū
120-12-7	Anthracene	5	U
86-74-8	Carbazole	5	U
84-74-2	Di-n-butylphthalate	5	U
206-44-0	Fluoranthene	5	U
129-00-0	Pyrene	- 3	U
85-68-7	Butylbenzylphthalate	5	U
91-94-1	3,3'-Dichlorobenzidine	5	U
56-55-3	Benzo(a)anthracene	5	U
218-01-9	Chrysene	5.	U
117-81-7	Bis(2-ethylhexyl)phthalate	5	U
117-84-0	Di-n-octylphthalate	5	U
205-99-2	Benzo(b) fluoranthene	5	U
207-08-9	Benzo(k)fluoranthene	5	U
50-32-8	Benzo(a)pyrene	5	U
193-39-5	Indeno(1,2,3-cd)pyrene	5	U
53-70-3	Dibenzo(a,h)anthracene	5	U
191-24-2	Benzo(g,h,i)perylene	5	U
58-90-2	2,3,4,6-Tetrachlorophenol	5	Ū

4-Nitrophenol

EPA SAMPLE NO.

rab w			H1YF0 (BGH-GW-06)
_	DataChem Laboratories, Inc. Cont		
Lab Code: _	DATAC Case No.: 36335	SAS No.:	SDG No.: H1YE1
Matrix: (soi)	/water) WATER	Lab Sample ID:	7128002010
Sample wt/vol	: 1000 (g/mL) mL	Lab File ID:	
Level: (low/m	ned) LOW	Date Received:	05/07/2007
% Moisture:	NA Decanted: (Y/N)	_ Date Extracted	1: 05/12/2007
Concentrated	Extract Volume: (uL)	Date Analyzed:	5/14/2007
Injection Vol	ume:(uL)	Dilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N) pH6	Extraction:	(Type) <u>Unknown</u>
CAS NO.	COMPOUND	CONCENTRATIO	ON UNITS:
		(ug/L or ug/	'kg) ug/L Q
100-52-7	Benzaldehyde		5 U
108-95-2	Phenol		- 5 0
111-44-4	Bis(2-chloroethyl)ether		5 U
95-57-8	2-Chlorophenol		5 U
95-48-7	2-Methylphenol		- 5 U
108-60-1	2,2'-Oxybis(1-chloropropane)		5 0
98-86-2	Acetophenone		5
106-44-5	4-Methylphenol		5 U
621-64-7	N-Nitroso-di-n-propylamine		5 0
67-72-1	Hexachloroethane		5 U
98-95-3	Nitrobenzene		5 U
78-59-1	Isophorone		- 5 U
88-75-5	2-Nitrophenol		5 0
105-67-9	2,4-Dimethylphenol		5 U
111-91-1	Bis(2-chloroethoxy)methane		5 0
120-83-2	2,4-Dichlorophenol		5 U
91-20-3	Naphthalene		. 5 U
106-47-8	4-Chloroaniline		5 U
87-68-3	Hexachlorobutadiene		5 0
105-60-2	Caprolactam		5 U
59-50-7	4-Chloro-3-methylphenol		5 U
91-57-6	2-Methylnaphthalene		5 U
77-47-4	Hexachlorocyclopentadiene		5 U
88-06-2	2,4,6-Trichlorophenol		5 U
95-95-4	2,4,5-Trichlorophenol		5 U
92-52-4	1,1'-Biphenyl		5] U
91-58-7	2-Chloronaphthalene		5 U
88-74-4	2-Nitroaniline		10 0
131-11-3	Dimethylphthalate		5 U
606-20-2	2,6-Dinitrotoluene		5 U
208-96-8	Acenaphthylene		5 U
99-09-2	3-Nitroaniline		10 U
83-32-9	Acenaphthene		5 U
51-28-5	2,4-Dinitrophenol		10 U
100-02-7	4-Nitrophenol		10 U

Form I SV-61 (e-form)

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		H1YF0 (BGH-GW-06)
Lab Name:	OataChem Laboratories, Inc. Cont	cract:
Lab Code:I	DATAC Case No.: 36335	SAS No.: SDG No.: H1YE1
Matrix: (soil	/water) <u>WATER</u>	Lab Sample ID: 7128002010
Sample wt/vol	: 1000 (g/mL) mL	Lab File ID:
Level: (low/me	ed) LOW	Date Received: 05/07/2007
% Moisture:	NA Decanted: (Y/N)	Date Extracted: 05/12/2007
Concentrated E	Extract Volume:(uL)	Date Analyzed: 5/14/2007
Injection Volu	me:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH6	Extraction: (Type) <u>Unknown</u>
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/L Q
132-64-9	Dibenzofuran	5 U
121-14-2	2 A-Dinitrotoluene	5 0
84-66-2	Diethylphthalate	5 0
86-73-7	Fluorene	5 U
7005-72-3	4-Chlorophenyl-phenylether	5 U
100-01-6	4-Nitroaniline	10 0
534-52-1	4,6-Dinitro-2-methylphenol	10 U
86-30-6	N-Nitrosodiphenylamine	5 U
95-94-3	1,2,4,5-Tetrachlorobenzene	5 0
101-55-3	4-Bromophenyl-phenylether	5 U
118-74-1	Hexachlorobenzene	5 U
1912-24-9	Atrazine	5 U
87-86-5	Pentachlorophenol	10 U
85-01-8	Phenanthrene	5 U
120-12-7	Anthracene	5 U
86-74-8	Carbazole	5 U
84-74-2	Di-n-butylphthalate	5 U
206-44-0	Fluoranthene	5 U
129-00-0	Pyrene	5 U
85-68-7	Butylbenzylphthalate	5 U
91-94-1	3,3'-Dichlorobenzidine	5 U
56-55-3	Benzo(a)anthracene	5 U
218-01-9	Chrysene	5 U
117-81-7	Bis(2-ethylhexyl)phthalate	0.45 J
117-84-0	Di-n-octylphthalate	5 0
205-99-2	Benzo(b)fluoranthene	5 U
207-08-9	Benzo(k)fluoranthene	5 U
50-32-8	Benzo(a)pyrene	5 U
193-39-5	Indeno(1,2,3-cd)pyrene	5 Ū
53-70-3	Dibenzo(a,h)anthracene	5 U
191-24-2	Benzo(g,h,i)perylene	5 U
58-90-2	2,3,4,6-Tetrachlorophenol	5 0

EPA SAMPLE NO.

OLM04.2

		ı	H1YF (BGH-GW	
Lab Name:	DataChem Laboratories, Inc. Cont	ract:	(20.1 011	
Lab Code:I	DATAC Case No.: 36335	SAS No.:	SDG No.: _H	H1YE1
Matrix: (soil	/water) <u>WATER</u>	Lab Sample ID:	71280020	011
Sample wt/vol	: 1000 (g/mL) mL	Lab File ID:		
Level: (low/m	ed) <u>LOW</u>	Date Received:	05/07/20	007
% Moisture:	NA Decanted: (Y/N)	Date Extracted	: _05/12/20	007
Concentrated 1	Extract Volume:(uL)			
Injection Volu	ume: (uL)	Dilution Facto	r: <u>1</u>	_
GPC Cleanup:	(Y/N) pH <u>6</u>	Extraction:	(Type) Ur	iknown
CAS NO.	COMPOUND	CONCENTRATIO	ON UNITS:	
		(ug/L or ug/		Q
100-52-7	Benzaldehyde		5	<u>י</u>
108-95-2	Phenol		5	
111-44-4	Bis(2-chloroethyl)ether		5	
95-57-8	2-Chlorophenol	· ·	- 5	Ū
95-48-7	2-Methylphenol		- 5	
108-60-1	2,2'-Oxybis(1-chloropropane)		<u>-</u> - <u>-</u> - <u>-</u> -	
98-86-2	Acetophenone		- 5	
106-44-5	4-Methylphenol		5	
621-64-7	N-Nitroso-di-n-propylamine	- +	5	
67-72-1	Hexachloroethane		5	
98-95-3	Nitrobenzene		5	U
78-59-1	Isophorone		5	
88-75-5	2-Nitrophenol	·	- 5	0
105-67-9	2,4-Dimethylphenol		5	
111-91-1	Bis(2-chloroethoxy)methane		- 5	
120-83-2	2,4-Dichlorophenol		5	
91-20-3	Naphthalene	—— — —————	5	
106-47-8	4-Chloroaniline		5	1 5 1
87-68-3	Hexachlorobutadiene		5	
105-60-2	Caprolactam			Ü
59-50-7	4-Chloro-3-methylphenol		- 5	Ü
91-57-6	2-Methylnaphthalene		5	Ū
77-47-4	Hexachlorocyclopentadiene		 5	
88-06-2	2,4,6-Trichlorophenol		5	Ü
95-95-4	2,4,5-Trichlorophenol		5	
92-52-4	1,1'-Biphenyl		5	<u> </u>
91-58-7	2-Chloronaphthalene			
88-74-4	2-Nitroaniline		10	Ū
131-11-3	Dimethylphthalate			Ü
606-20-2	2,6-Dinitrotoluene			- <u></u> - -
208-96-8	Acenaphthylene			Ü
99-09-2	3-Nitroaniline		10	
83-32-9	Acenaphthene		5	Ü
51-28-5	2,4-Dinitrophenol		10	 -
100 00 7	Z Without		10	<u> </u>

Form I SV-67 (e-form)

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: I	OataChem Laboratories, Inc. Contract:	[(BGH-GW-0	
Lab Code:	DATAC Case No.: 36335 SAS No.	: :	SDG No.: H1	YE1
Matrix: (soil.	/water) WATER La	b Sample ID:	712800201	1
Sample wt/vol	: 1000 (g/mL) mL La	b File ID: _		
Level: (low/me		te Received:		7
% Moisture:	NA Decanted: (Y/N) Da	te Extracted:	05/12/200	7
Concentrated I	Extract Volume: (uL) Da	te Analyzed:	5/14/2007	_
		lution Factor	: 1	_
		traction: (Type) Unk	nown
GRE NO	COMPOUND	CONCENTRATION	I INTER.	
CAS NO.	COMPOUND	(ug/L or ug/l		Q
132-64-9	Dibenzofuran		5	
121-14-2	2,4-Dinitrotoluene			U
84-66-2	Diethylphthalate			Ū
86-73-7	Fluorene			IJ
7005-72-3	4-Chlorophenyl-phenylether			Ū
100-01-6	4-Nitroaniline		<u>1</u> ŏl-	
534-52-1	4,6-Dinitro-2-methylphenol			Ü
86-30-6	N-Nitrosodiphenylamine			Ū
95-94-3	1,2,4,5-Tetrachlorobenzene			U
101-55-3	4-Bromophenyl-phenylether			U
118-74-1	Hexachlorobenzene			Ŭ
1912-24-9	Atrazine			U
87-86-5	Pentachlorophenol			1 7
85-01-8	Phenanthrene			U
120-12-7	Anthracene			Ü
86-74-8	Carbazole			U
84-74-2	Di-n-butylphthalate			U
206-44-0	Fluoranthene			U
129-00-0	Pyrene			U
85-68-7	Butylbenzylphthalate			U
91-94-1	3.3'-Dichlorobenzidine			Ü
56-55-3	Benzo(a) anthracene			U
218-01-9	Chrysene			Ū
117-81-7	Bis(2-ethylhexyl)phthalate			Ū
117-84-0	Di-n-octylphthalate			U
205-99-2	Benzo(b) fluoranthene			U
207-08-9	Benzo(k) fluoranthene			U
50-32-8	Benzo(a) pyrene			Ü
193-39-5	Indeno(1,2,3-cd)pyrene			IJ
53-70-3	Dibenzo(a,h)anthracene			IJ
191-24-2	Benzo(g,h,i)perylene			U
58-90-2	2,3,4,6-Tetrachlorophenol			IJ
30-30-4	2,5,4,5 recruentor ophenor			-

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories, Inc. Cont.	ract:	Hlye (BGH-GW	
Lab Code:	DATAC Case No.: 36335	SAS No.:	SDG No.: _ H	11PW2
Matrix: (soi	l/water) WATER	Lab Sample ID:	71220140	005
Sample wt/vo	1: 1000 (g/mL) mL	Lab File ID:		
% Moisture:	NA _ Decanted: (Y/N) _	Date Received:		07
Extraction:	(Type)	Date Extracted	:	
Concentrated	Extract Volume:(uL)	Date Analyzed:		
Injection Vo	lume: (uL)	Dilution Facto	r: 1	_
GPC Cleanup:	(Y/N) pH <u>6</u>	Sulfur Cleanup		-
CAS NO.	COMPOUND	CONCENTRATIO	ON UNITS:	
		(ug/L or ug/		Q
12674-11-2	Aroclor-1016		1	U
11104-28-2	Aroclor-1221			U
11141-16-5	Aroclor-1232		. 1	Ü
53469-21-9	Aroclor-1242			Ü
12672-29-6	Aroclor-1248		1	U
11097-69-1	Aroclor-1254		1	U
11096-82-5	Aroclor-1260		1	U
37324-23-5	Aroclor-1262		1	U
11100-14-4	Aroclor-1268		1	U
319-84-6	alpha-BHC		0.05	U
319-85-7	beta-BHC		0.05	U
319-86-8	delta-BHC		0.05	U
58-89-9	gamma-BHC (Lindane)		0.05	U
76-44-8	Heptachlor		0.05	U
309-00-2	Aldrin		0.05	U
1024-57-3	Heptachlor epoxide		0.05	U
959-98-8	Endosulfan I		0.05	บ
60-57-1	Dieldrin		0.0019	
72-55-9	4,4'-DDE		0.1	U
72-20-8	Endrin		0.1	U
33213-65-9	Endosulfan II		0.1	
72-54-8	4,4'-DDD		0.1	U
1031-07-8	Endosulfan sulfate		0.1	U
50-29-3	4,4'-DDT		0.1	U
72-43-5	Methoxychlor		0.5	U
53494-70-5	Endrin ketone		0.1	U
7421-93-4	Endrin aldehyde		0.1	U
5103-71-9	alpha-Chlordane		0.05	
5103.74-2	namma_Chlordana	ι — —	0 0011	ar.

1E (e-form)
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Concentrated Extract Volume:

EPA SAMPLE NO.

Date Analyzed: 5/10/2007

H1YE0 (BGH-GW-27) Lab Name: DataChem Laboratories, Inc. Contract: Case No.: 36335 SAS No.: DATAC SDG No.: H1PW2 Lab Code: Lab Sample ID: 7122014005 Matrix: (soil/water) WATER Sample wt/vol: 1000 (g/mL) mL Lab File ID: ____ Decanted: (Y/N) Date Received: 05/01/2007 % Moisture: Extraction: (Type) Date Extracted:

(uL)

 (ug/L or ug/Kg)
 ug/L
 0

 8001-35-2
 Toxaphene
 5
 U

EPA SAMPLE NO.

H1YE3

Lab Name:	DataChem Laboratories, Inc. Cont	tract: (BGH-GW-00)
Lab Code: _	DATAC Case No.: 36335	SAS No.: SDG No.: H1YE1
Matrix: (soil	1/water) <u>WATER</u>	Lab Sample ID: 7124020002
Sample wt/vol	l: 1000 (g/mL) mL	Lab File ID:
% Moisture:	NA Decanted: (Y/N)	Date Received: 05/04/2007
Extraction:	(Type)	Date Extracted:
Concentrated	Extract Volume: (uL)	Date Analyzed: <u>5/14/2007</u>
Injection Vol	ume:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>6</u>	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Q
12674-11-2	Aroclor-1016	1 U
11104-28-2	Aroclor-1221	1 U
11141-16-5	Aroclor-1232	1 U
53469-21-9	Aroclor-1242	1 U
12672-29-6	Aroclor-1248	1 U
11097-69-1	Aroclor-1254	1 U
11096-82-5	Aroclor-1260	1 U
37324-23-5	Aroclor-1262	1 U
11100-14-4	Aroclor-1268	1 U
319-84-6	alpha-BHC	0.05 U
319-85-7	beta-BHC	0.05 U
319-86-8	delta-BHC	O.05 U
58-89-9	gamma-BHC (Lindane)	. 0.05 U
76-44-8	Heptachlor	0.05 U
309-00-2	Aldrin	0.05 U
1024-57-3	Heptachlor epoxide	0.05 U
959-98-8	Endosulfan I	0.05 U
60-57-1	Dieldrin	0.1 U
72-55-9	4,4'-DDE	0.1 U
72-20-8	Endrin	0.0088 JP
33213-65-9	Endosulfan II	
72-54-8	4,4'-DDD	0.1 U
1031-07-8	Endosulfan sulfate	0.1 U
50-29-3	4,4'-DDT	0.1 U
72-43-5	Methoxychlor	0.5 U
53494-70-5	Endrin ketone	0.1 U
7421-93-4	Endrin aldehyde	0.1 U
5103-71-9	alpha-Chlordane	0.05 U
5103-74-2	gamma-Chlordane	0.0019 JP

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:Data(Chem Laboratories,	Inc. Contrac	H1YE3 (BGH-GW-00)
Lab Code: DATAC	Case No.:	36335 SA	S No.: SDG No.: H1YE1
Matrix: (soil/wate	er) WATER	_	Lab Sample ID: 7124020002
Sample wt/vol: 1	000 (g/mL) mL	_	Lab File ID:
% Moisture: NA	Decanted:	(Y/N)	Date Received: 05/04/2007
Extraction: (Typ	pe)		Date Extracted:
Concentrated Extra	act Volume:	(uL)	Date Analyzed: 5/14/2007
Injection Volume:	(uL)	_	Dilution Factor: 1
GPC Cleanup:	(Y/N)	рН 6	Sulfur Cleanup:
CAS NO. C	OMPOUND		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Q
8001-35-2 Tox	kaphene		5 U

EPA SAMPLE NO.

H1YE4

Lab Name: _	DataChem Laboratories, Inc. Cont	tract: (BGH-GW-03)
Lab Code:	DATAC Case No.: 36335	SAS No.: SDG No.: H1YE1
Matrix: (soi	l/water) WATER	Lab Sample ID: 7128002002
Sample wt/vo	l: 1000 (g/mL) mL	Lab File ID:
% Moisture:	NA Decanted: (Y/N)	Date Received: 05/07/2007
Extraction:	(Type)	Date Extracted:
Concentrated	Extract Volume: (uL)	Date Analyzed: 5/16/2007
Injection Vol	lume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH6	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/L Q
12674-11-2	Aroclor-1016	1 U
11104-28-2	Aroclor-1221	1 U
11141-16-5	Aroclor-1232	1 U
53469-21-9	Aroclor-1242	1 U
12672-29-6	Aroclor-1248	1 U
11097-69-1	Aroclor-1254	1 U
11096-82-5	Aroclor-1260	1 U
37324-23-5	Aroclor-1262	1 U
11100-14-4	Aroclor-1268	1 0
319-84-6	alpha-BHC	0.05 U
319-85-7	beta-BHC	0.05 U
319-86-8	delta-BHC	0.05 U
58-89-9	gamma-BHC (Lindane)	0.05 U
76-44-8	Heptachlor	0.05 ປ
309-00-2	Aldrin	0.05 U
1024-57-3	Heptachlor epoxide	0.05 U
959-98-8	Endosulfan I	0.05 U
60-57-1	Dieldrin	0.1 U
72-55-9	4,4'-DDE	0.1 U
72-20-8	Endrin	0.1 U
33213-65-9	Endosulfan II	0.1 U
72-54-8	4,4'~DDD	0.1 U
1031-07-8	Endosulfan sulfate	0.1 U
50-29-3	4,4'-DDT	0.1 U
72-43-5	Methoxychlor	0.5 U
53494-70-5	Endrin ketone	0.1 U
7421-93-4	Endrin aldehyde	0.1 U
5103-71-9	alpha-Chlordane	0.05 U
5103-74-2	gamma-Chlordane	0.05 U

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem I	Laboratories,	Inc.	Conti	ract:			(BC	HIY. GH-GW	i-03)	
Lab Code:	DATAC	Case No.:	36335		SAS No	· . :		SDG No	· :	H1YE1	
Matrix: (soil	/water)	WATER	_		L	ab	Sample I	D:712	8002	002	
Sample wt/vol	: 1000	(g/mL) mL	_		L	ab	File ID:				_
% Moisture:	NA	Decanted:	(Y/N)		D	ate	Receive	d: <u>05/</u>	07/2	007	
Extraction:	(Type)	-			D	ate	Extracte	ed:			
Concentrated :	Extract Vo	olume:	(uL)	D	ate	Analyze	d: <u>5/16</u>	/200	7	
Injection Vol	ume:	(uL)			D	i1u	tion Fac	tor: <u>1</u>		_	
GPC Cleanup:	(Y/N)		Hq_	6.	s	ulf	ur Clean			_	
CAS NO.	COMPOU	ND						ION UNITS		Q	
0001 35 3	Townshoe					_			_	- - 1 11	_

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories, Inc. Contract:	(BGH-GW-	-01)
Lab Code:I	DATAC Case No.: 36335 SAS No.: SDC	3 No.: H	1YE1
Matrix: (soil	/water) WATER Lab Sample ID:	71280020	03
Sample wt/vol	: 1000 (g/mL) mL Lab File ID:		
% Moisture:	NA Decanted: (Y/N) Date Received:	05/07/20	07
Extraction:			
Concentrated 1	Extract Volume:(uL) Date Analyzed: 5	5/16/2007	
Injection Volu	ume:(uL) Dilution Factor:	1	
GPC Cleanup:	(Y/N) pH6 Sulfur Cleanup:		
CAS NO.	COMPOUND CONCENTRATION U	NITS:	
	(ug/L or ug/Kg)	_ug/L	Q
12674-11-2	Aroclor-1016	1	ŭ
11104-28-2	Aroclor-1221	1	U
11141-16-5	Aroclor-1232	1	U
53469-21-9	Aroclor-1242	1	U
12672-29-6	Aroclor-1248	1	บ
11097-69-1	Aroclor-1254	1	U
11096-82~5	Aroclor-1260	1	บ
37324-23-5	Aroclor-1262	1	U
11100-14-4	Aroclor-1268	1	U
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	Ū
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	U
72-55-9	4,4'-DDE	0.1	U
72 - 20 - 8	Endrin	0.1	Ü
33213-65-9	Endosulfan II	0.1	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	U
72-43-5	Methoxychlor	0.5	U
53494-70-5	Endrin ketone .	0.1	U
7421-93-4	Endrin aldehyde	0.1	U
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	Ü

Form I Pest (e-form)

H1YE5

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:Da	ataChem Laboratories, Inc. Contra	ct: (BGH-GW-01)
Lab Code: DA	ATAC Case No.: 36335 Sa	AS No.: SDG No.: H1YE1
Matrix: (soil/w	water) WATER	Lab Sample ID: 7128002003
Sample wt/vol:	1000 (g/mL) mL	Lab File ID:
% Moisture: 1	NA Decanted: (Y/N)	Date Received: 05/07/2007
Extraction:	(Type)	Date Extracted:
Concentrated Ex	ctract Volume:(uL)	Date Analyzed: 5/16/2007
Injection Volum	ne: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH6	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Q
8001-35-2	Toxaphene	5 U

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories,	Inc. Co	ntract:	H1YE (BGH-GW-	
_	DATAC Case No.:			SDG No.: H	1YE1
	l/water) WATER		Lab Sample ID		
			-		
	1: 1000 (g/mL) mL	-	Lab File ID:		
	NA Decanted:	(Y/N)	Date Received	: 05/07/20	07
Extraction:	(Type)		Date Extracte	d:	
Concentrated	Extract Volume:	(uL)	Date Analyzed	: 5/16/2007	
Injection Vo	lume:(uL)		Dilution Fact	or: 1	
GPC Cleanup:	(Y/N)	pH6	Sulfur Cleanu	p:	
CAS NO.	COMPOUND		CONCENTRATI	ON UNITS:	
				/Kg) ug/L	Q
12674-11-2	Aroclor-1016	 -		1	ט
11104-28-2	Aroclor-1221				Ü
11141-16-5	Aroclor-1232			1	U
53469-21-9	Aroclor-1242			1	U
12672-29-6	Aroclor-1248			1	U
11097-69-1	Aroclor-1254			1	U
11096-82-5	Aroclor-1260			1	U
37324-23-5	Aroclor-1262			1	Ü
11100-14-4	Aroclor-1268			1	U
319-84-6	alpha-BHC			0.05	U
319-85-7	beta-BHC			0.05	U
319-86-8	delta-BHC			0.05	U
58-89-9	gamma-BHC (Lindane)			0.05	U
76-44-8	Heptachlor			0.05	Ū
309-00-2	Aldrin			0.05	U
1024-57-3	Heptachlor epoxide			0.05	U
959-98-8	Endosulfan I			0.05	U
60-57-1	Dieldrin			0.0017	JP
72-55-9	4,4'-DDE			_ 0.1	ט
72-20-8	Endrin			0.1	U
33213-65-9	Endosulfan II			0.1	U
72-54-8	4,4'-DDD			0.1	U
1031-07-8	Endosulfan sulfate			0.1	U
50-29-3	4,4'-DDT			0.1	U
72-43-5	Methoxychlor			0.5	U
53494-70-5	Endrin ketone			0.1	U
7421-93-4	Endrin aldehyde			0.1	U
5103-71-9	alpha-Chlordane			0.05	U
5103-74-2	gamma-Chlordane			0.05	U

Form I Pest (e-form)

5103-74-2

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem I	aboratories	Inc. Con	tract:	H1YE6 (BGH-GW-02)
Lab Code: DA	ATAC	Case No.:	36335	SAS No.:	SDG No.: H1YE1
Matrix: (soil/w	water)	WATER	_	Lab Sample ID:	7128002004
Sample wt/vol:	1000	(g/mL) mL	_	Lab File ID:	
% Moisture: 1	NA	Decanted:	(Y/N)	Date Received:	05/07/2007
Extraction: ((Type)			Date Extracted	:
Concentrated Ex	ktract Vo	lume: _	(uL)	Date Analyzed:	5/16/2007
Injection Volum	me:	(uL)		Dilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N)		рн6	Sulfur Cleanup	:
CAS NO.	COMPOU	ND		CONCENTRATIO	
8001-35-2	Toxapher	ie	<u> </u>		5 บ

EPA SAMPLE NO.

H1YE7

OLM04.3

Lab Name: Da	taChem Laboratories, Inc. Cont	ract: (BGH-GW-08)
		SAS No.: SDG No.: H1YE1
Matrix: (soil/w	ater) WATER	Lab Sample ID: 7128002007
	1000 (g/mL) mL	Lab File ID:
% Moisture: N	A Decanted: (Y/N)	Date Received: 05/07/2007
Extraction: (Туре)	Date Extracted:
Concentrated Ex	tract Volume:(uL)	Date Analyzed: 5/16/2007
Injection Volum	e:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH6	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Q
12674-11-2	Aroclor-1016	1 U
	Aroclor-1221	1 U
11141-16-5	Aroclor-1232	1 U
53469-21-9	Aroclor-1242	1 U
12672-29-6	Aroclor-1248	1 U
11097-69-1	Aroclor-1254	1 U
11096-82-5	Aroclor-1260	1 U
37324-23-5	Aroclor-1262	1 U
11100-14-4	Aroclor-1268	1 U
319-84-6	alpha-BHC	0.05 U
319-85-7	beta-BHC	0.05 U
319-86-8	delta-BHC	0.05 U
58-89-9	gamma-BHC (Lindane)	0.05 U
76-44-8	Heptachlor	0.0044 JP
309-00-2	Aldrin	0.05 U
1024-57-3	Heptachlor epoxide	0.0091 JP
959-98-8	Endosulfan I	0.05 U
60-57-1	Dieldrin	0.0024 JP
72-55-9	4,4'-DDE	0.1 U
72-20-8	Endrin	0.1 U
33213-65-9	Endosulfan II	0.1 U
72-54-8	4,4'-DDD	0.1 U
1031-07-8	Endosulfan sulfate	0.1 U
50-29-3	4,4'-DDT	0.1 U
72-43-5	Methoxych1or	0.5 บ
53494-70-5	Endrin ketone	0.1 U
7421-93-4	Endrin aldehyde	0.0016 JP
5103-71-9	alpha-Chlordane	0.05 U
5103-74-2	gamma-Chlordane	0.05 U

Form I Pest (e-form)

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem Laboratories, Inc. Contra	ct: (BGH-GW-08)
Lab Code: DATAC Case No.: 36335 SA	AS No.: SDG No.: H1YE1
Matrix: (soil/water) WATER	Lab Sample ID: 7128002007
Sample wt/vol: 1000 (g/mL) mL	Lab File ID:
% Moisture: NA Decanted: (Y/N)	Date Received: 05/07/2007
Extraction: (Type)	Date Extracted:
Concentrated Extract Volume: (uL)	Date Analyzed: 5/16/2007
Injection Volume:(uL)	Dilution Factor: 1
GPC Cleanup: (Y/N) pH6	Sulfur Cleanup:
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Q
8001-35-2 Toxaphene	5 U

EPA SAMPLE NO.

Lah Name:	DataChem Laboratories, Inc. Contract:	H1YE (BGH-GW	
_			
_	DATAC Case No.: 36335 SAS No	.: SDG No.: _}	11YE1
Matrix: (soi	L/water) WATER La	ab Sample ID: 71280020	800
Sample wt/vo	l: <u>1000</u> (g/mL) <u>mL</u> La	ab File ID:	
% Moisture:	NA Decanted: (Y/N) Da	ate Received: 05/07/20	107
Extraction:		te Extracted:	
Concentrated	Extract Volume: (uL) Da	ate Analyzed: 5/16/2007	
Injection Vol	ume: (uL) Di	.lution Factor: 1	_
GPC Cleanup:	(Y/N) pH <u>6</u> Su	ulfur Cleanup:	•
CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) ug/L	. 0
12674-11-2	Aroclor-1016	1	U
11104-28-2	Aroclor-1221	1	Ü
11141-16-5	Aroclor-1232	1	U
53469-21-9	Aroclor-1242	1	U
12672-29-6	Aroclor-1248	1	U
11097-69-1	Aroclor-1254	1	Ū
11096-82-5	Aroclor-1260	1	U
37324-23-5	Aroclor-1262	1	Ŭ
11100-14-4	Aroclor-1268	1	υ
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	U
58-89-9	gamma-BHC (Lindane)	0.05	Ų
76-44-8	Heptachlor	0.0047	JP
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.0076	JP
959-98-8	Endosulfan I	0.05	υ
60-57-1	Dieldrin	0.0023	JP
72-55-9	4,4'-DDE	0.1	U
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1.	U
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	Ŭ _
50-29-3	4,4'-DDT	0.1	U

Form I Pest (e-form)

72-43-5

53494-70-5

7421-93-4

5103-71-9

5103-74-2

Methoxychlor

Endrin ketone

Endrin aldehyde

alpha-Chlordane

gamma-Chlordane

0.05 บ

OLM04.3

0.5 U

0.1 U

0.1 U

0.05 U

1E (e-form)
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem Laboratories	, Inc. Contract	::	H1YE8 (BGH-GW-07)
Lab Code:	DATAC Case No.:	36335 SAS	No.: S	DG No.: H1YE1
Matrix: (soil	/water) WATER	_	Lab Sample ID:	7128002008
Sample wt/vol	: 1000 (g/mL) mL	_	Lab File ID:	
% Moisture:	NA Decanted:	(Y/N)	Date Received:	05/07/2007
Extraction:	(Type)		Date Extracted:	
Concentrated :	Extract Volume:	(uL)	Date Analyzed:	5/16/2007
Injection Vol	ume:(uL)		Dilution Factor:	: 1
GPC Cleanup:	(Y/N)	pH <u>6</u>	Sulfur Cleanup:	
CAS NO.	COMPOUND		CONCENTRATION (ug/L or ug/K	
8001-35-2	Toxaphene			5 U

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories, Inc. Contract:	Hlye (BGH-GW-	
_	DATAC Case No.: 36335 SAS No.:	SDG No.: F	11YE1
_		ID: 71280020	
Sample wt/vo	l: 1000 (g/mL) mL Lab File 1	D:	
% Moisture:	NA Decanted: (Y/N) Date Recei	.ved: 05/07/20	007
Extraction:	(Type) Date Extra	cted:	
Concentrated	Extract Volume: (uL) Date Analy	zed: 5/16/2007	
Injection Vol	lume:(uL) Dilution F	actor: 1	_
GPC Cleanup:	(Y/N) pH 6 Sulfur Cle		
CAS NO.	COMPOUND CONCENTS	RATION UNITS:	
		ug/Kg) ug/L	Q
12674-11-2	Aroclor-1016	1	U
11104-28-2	Aroclor-1221	1	
11141-16-5	Aroclor-1232	1	U
53469-21-9	Aroclor-1242	1	U
12672-29-6	Aroclor-1248	1	U
11097-69-1	Aroclor-1254	1	U
11096-82-5	Aroclor-1260	1	U
37324-23-5	Aroclor-1262	1.	Ū
11100-14-4	Aroclor-1268	1	υ
319-84-6	alpha-BHC	0.05	U
319-85-7	beta-BHC	0.05	U
319-86-8	delta-BHC	0.05	Ü
58-89-9	gamma-BHC (Lindane)	0.05	U
76-44-8	Heptachlor	0.05	U
309-00-2	Aldrin	0.05	U
1024-57-3	Heptachlor epoxide	0.05	U
959-98-8	Endosulfan I	0.05	U
60-57-1	Dieldrin	0.1	Ü
72-55-9	4,4'-DDE	0.1	
72-20-8	Endrin	0.1	U
33213-65-9	Endosulfan II	0.1	
72-54-8	4,4'-DDD	0.1	U
1031-07-8	Endosulfan sulfate	0.1	U
50-29-3	4,4'-DDT	0.1	
72-43-5	Methoxychlor	0.5	
53494-70-5	Endrin ketone	0.1	Ū
7421-93-4	Endrin aldehyde	0.1	
5103-71-9	alpha-Chlordane	0.05	U
5103-74-2	gamma-Chlordane	0.05	U

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: _I	DataChem L	aboratories	, Inc. Con	tract:	H1YE9 (BGH-GW-05)
Lab Code:I	DATAC	Case No.:	36335	SAS No.:	SDG No.: H1YE1
Matrix: (soil	/water)	WATER	-	Lab Sample II	7128002009
Sample wt/vol	: 1000	(g/mL) mL	_	Lab File ID:	
% Moisture:	NA	Decanted:	(Y/N)	Date Received	1: 05/07/2007
Extraction:	(Type)			Date Extracte	d:
Concentrated E	Extract Vo	lume:	(uL)	Date Analyzed	: 5/16/2007
Injection Volu	nwe:	(uL)		Dilution Fact	or: 1
GPC Cleanup:	(Y/N)		рн 6	Sulfur Cleanu	p:
CAS NO.	COMPOUN	ND		CONCENTRATI	ON UNITS:
8001-35-2	Toxaphen	e			5 U

EPA SAMPLE NO.

H1YF0

Lab Name:	DataChem Laboratories, Inc. Cont	ract: (BGH-GW-06)
		SAS No.: SDG No.: H1YE1
Matrix: (soil	/water) WATER	Lab Sample ID: 7128002010
Sample wt/vol	: 1000 (g/mL) mL	Lab File ID:
% Moisture:	NA Decanted: (Y/N)	Date Received:05/07/2007
Extraction:		Date Extracted:
Concentrated	Extract Volume: (uL)	Date Analyzed: <u>5/16/2007</u>
Injection Vol	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N)pH <u>6</u>	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) _ug/L_ Q
12674-11-2	Aroclor-1016	
11104-28-2	Aroclor-1221	1 U
11141-16-5	Aroclor-1232	1 0
53469-21-9	Aroclor-1242	1 0
12672-29-6	Aroclor-1248	1 U
11097-69-1	Aroclor-1254	1 0
11095-82-5	Aroclor-1260	1 0
37324-23-5	Aroclor-1262	1 U
11100-14-4	Aroclor-1268	1 U
319-84-6	alpha-BHC	0.05 U
319-85-7	beta-BHC	0.05 U
319-86-8	delta-BHC	0.05 U
58-89-9	gamma-BHC (Lindane)	0.05 U
76-44-8	Heptachlor	0.05 U
309-00-2	Aldrin	0.05 U
1024-57-3	Heptachlor epoxide	0.05 U
959-98-8	Endosulfan I	0.05 U
60-57-1	Dieldrin	0.1 U
72-55-9	4,4'-DDE	0.1 U
72-20-8	Endrin	0.1 U
33213-65-9	Endosulfan II	0.1 U
72-54-8	4,4'-DDD	0.1 U
1031-07-8	Endosulfan sulfate	0.1 U
50-29-3	4,4'-DDT	0.1 U
72-43-5	Methoxychlor	0.5 U
53494-70-5	Endrin ketone	0.1 U
7421-93-4	Endrin aldehyde	0.1 U
5103-71-9	alpha-Chlordane	0.05 U
5103-74-2	gamma-Chlordane	0.05 U

0.05

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem L	aboratories	Inc. (Contract:		H1YF0 (BGH-GW-06)
Lab Code:	DATAC	Case No.:	36335	SAS	No.;	SDG No.: H1YE1
Matrix: (soil	/water)	WATER	_		Lab Sample ID:	7128002010
Sample wt/vol	: 1000	(g/mL) mL	_		Lab File ID:	
% Moisture:	NA	Decanted:	(Y/N) _		Date Received:	05/07/2007
Extraction:	(Type)				Date Extracted	1:
Concentrated	Extract Vo	olume:	(uL)	Date Analyzed:	5/16/2007
Injection Vol	ume:	(uL)			Dilution Facto	or: 1
GPC Cleanup:	(Y/N)		рн	6	Sulfur Cleanup):
CAS NO.	COMPOU	ND			CONCENTRATION	
8001-35-2	Toxaphen	ie				5 U

EPA SAMPLE NO.

OLM04.3

Lab Name:	DataChem I	ahoratories	. Inc.	Contr	act:		H1 (BGH-G		
-					GAS No.:	— <u> </u>	G No.:	H1YE1	
- Matrix: (soi					Lab Sample	-	-		
Sample wt/vo	1. 1000	(cr/mL) mL	_		Lab File I				
		_							-
% Moisture:		Decanted:	(Y/N)		Date Recei	ved:	05/07/	2007	
Extraction:	(Type)		•		Date Extra	cted:			
Concentrated	Extract Vo				Date Analy	zed:	5/16/20	07	
Injection Vo	lume:	(uL))		Dilution F	actor:	1		
GPC Cleanup:	(Y/N)		рН	6	Sulfur Cle	anup:		_	
CAS NO.	COMPOU	ND			CONCENTR	ATION T	JNITS:		
					(ug/L or			Q	
12674-11-2	Aroclor-	-1016			 1			1 U	
11104-28-2	Aroclor-							1 U	_
11141-16-5	Aroclor-							1 U	_
53469-21-9	Aroclor							1 U	$\overline{}$
12672-29-6	Aroclor-	1248	•					1 0	-
11097-69-1	Aroclor-	1254	-					1 U	$\overline{}$
11096-82-5	Aroclor-	-1260						1 U	
37324-23-5	Aroclor-	1262						1 U	_
11100-14-4	Aroclor-	1268				•	-	1 U	
319-84-6	alpha-BH	iC					0.0	5 U	
319-85-7	beta-BHC	:					0.0	5 U	
319-86-8	delta-BH	IC					0.0	5 U	
58-89-9	gamma-BH	C (Lindane)					0.003	1 J	
76-44-8	Heptachl	.or					0.0	5 U	
309-00-2	·Aldrin						0.0	5 U	
1024-57-3	Heptachl	or epoxide					0.0	5 U	
959-98-8	Endosulf	an I					0.0	5 U	
60-57-1	Dieldrin	1_					0.	1 U	
72-55-9	4,4'~DDE	:					0.	1 U	
72-20-8	Endrin	_					0.	1 U	
33213-65-9	Endosulf	an II					0.	1 U	
72-54-8	4,4'-DDD)			1		0.	1 U	
1031-07-8	Endosulf	an sulfate					0.	1 U	
50-29-3	4,4'-DDT						0.	1 U	
72-43-5	Methoxyo	hlor					0.	5 U	
53494-70-5	Endrin k	etone					0.	1 U	
7421-93-4	Endrin a	ldehyde					0.	1 U	_]
5103-71-9	alpha-Ch	lordane					0.0]
5103-74-2	gamma - Ch	lordane			1		0.0	51 11	

Form I Pest (e-form)

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:DataChem	Laboratories, Inc. Contra	H1YF1 (BGH-GW-04)
Lab Code: DATAC	Case No.: 36335	SAS No.: SDG No.: HIYEI
Matrix: (soil/water)	WATER	Lab Sample ID: 7128002011
Sample wt/vol: 1000	(g/mL)mL	Lab File ID:
% Moisture: NA	Decanted: (Y/N)	Date Received: 05/07/2007
Extraction: (Type)		Date Extracted:
Concentrated Extract	/olume:(uL)	Date Analyzed: 5/16/2007
Injection Volume:	(uL)	Dilution Factor: 1
GPC Cleanup: (Y/N	pH 6	Sulfur Cleanup:
CAS NO. COMPO	UND	CONCENTRATION UNITS: (ug/L or ug/Kg) _ug/L Q
8001-35-2 Toxaph	ene	5 U

Form I Pest (e-form)

OLM04.3

Bushnell General Hospital Un-validated Data

(data was not validated as per EPA Project Manager's instructions)

Organic Results (VOC, SVOC, PCB/Pesticides)

Surface-Water Samples

EPA SAMPLE NO.

			H1PV (BGH-SW	
Lab Name:	DataChem Laboratories, Inc. Contract:		(BGR-SW	-20)
Lab Code:I	DATAC Case No.: 36335 SAS No	o.:	SDG No.: _1	H1PW2
Matrix: (soil.	/water) WATER L	ab Sample ID:	71160280	002
Sample wt/vol	: <u>25 (g/mL) mL</u> La	ab File ID:		
Level: (low/me	ed) LOW Da	ate Received:	04/26/20	007
% Moisture: no	ot dec. NA Da	ate Analyzed:	4/30/2007	<u>. </u>
GC Column:	ID: (mm) D	ilution Facto	r: 1	_
		oil Aliguot V	olume:	(uL)
CAS NO.	COMPOUND	CONCENTRATIO	N UNITS:	Q
		(ug/L or ug/	Kg) ug/L	
75-71-8	Dichlorodifluoromethane		0.5	<u>ט</u>
74-87-3	Chloromethane		0.5	Ü
75-01-4	Vinyl chloride		0.5	Ū
74-83-9	Bromomethane		0.5	U
75-00-3	Chloroethane		0.5	Ü
75-69-4	Trichlorofluoromethane	,	0.5	U
75-35-4	1,1-Dichloroethene		0.5	Ü
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		0.5	Ü
67-64-1	Acetone	Ĩ	5	U
75-15-0	Carbon disulfide		0.5	Ü
79-20-9	Methyl acetate		0.5	Ū
75-09-2	Methylene chloride		0.5	U
156-60-5	trans-1,2-Dichloroethene		0.5	Ū
1634-04-4	Methyl tert-butyl ether		0.5	U
75-34-3	1,1-Dichloroethane		0.5	U
156-59-2	cis-1,2-Dichloroethene		0.5	U
78-93-3	2-Butanone		5	U
74-97-5	Bromochloromethane		0.5	U
67-66-3	Chloroform .		0.5	U
71-55-6	1,1,1-Trichloroethane		0.5	U
110-82-7	Cyclohexane		0.5	υ
56-23-5	Carbon tetrachloride		0.5	U
71-43-2	Benzene	L	0.5	U
107-06-2	1,2-Dichloroethane		0.5	U
123-91-1	1,4-Dioxane		20	U
79-01-6	Trichloroethene		0.5	U
108-87-2	Methylcyclohexane	1	0.5	U

Form I VOA-3 (e-form)

78-87-5

75-27-4

10061-01-5

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

1A (e-form)
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Soil Aliquot Volume:

H1PW5 (BGH-SW-20) Lab Name: DataChem Laboratories, Inc. Contract: SAS No.: ____ SDG No.: H1PW2 Lab Code: DATAC Case No.: 36335 Matrix: (soil/water) WATER Lab Sample ID: 7116028002 Sample wt/vol: 25 Lab File ID: (g/mL) mL Level: (low/med) LOW Date Received: 04/26/2007 % Moisture: not dec. Date Analyzed: 4/30/2007 ID: (mm) Dilution Factor: 1

GC Column:
Soil Extract Volume:

CAS NO. COMPOUND CONCENTRATION UNITS: Q

(ug/L or ug/Kg) ug/L

108-10-1 4-Methyl-2-Pentanone 5 U

108-88-3 Toluene 0.5 U

10061-02-6 trans-1,3-Dichloropropene 0.5 U

(uL)

100-88-3	Toruene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	U
127-18-4	Tetrachloroethene	0.5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	U
108-90-7	Chlorobenzene	0.5	U
100-41-4	Ethylbenzene	0.5	U
95-47-6	o-Xylene	0.5	U
179601-23-1	m,p-Xylene	0.5	U
100-42-5	Styrene	0.5	U
75-25-2	Bromoform	0.5	Ü
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
541-73-1	1,3-Dichlorobenzene	. 0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	U
95-50-1	1,2~Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

EPA SAMPLE NO.

			H1PX (BGH-SW	
Lab Name:	DataChem Laboratories, Inc. Contract:			
Lab Code:!	DATAC Case No.: 36335 SAS No	Si	DG No.: _}	11 PW2
Matrix: (soil	/water) <u>WATER</u> L	ab Sample ID:	71160280	103
Sample wt/vol	: <u>25 (g/mL) mL</u> L	ab File ID: _		
Level: (low/me	ed) <u>LOW</u> D	ate Received:	04/26/20	07
% Moisture: n	ot dec. NA D	ate Analyzed:	4/30/2007	
GC Column:	ID: (mm) D	ilution Factor:	1	_
Soil Extract	Volume: (uL) S	oil Aliquot Vol	.ume:	(uL)
				
CAS NO.	COMPOUND	CONCENTRATION	IINTTC.	O
CID NO.	Com Comb	(ug/L or ug/Kg		v
75-71-8	Dichlorodifluoromethane		0.5	
74-87-3	Chloromethane		0.5	
75-01-4	Vinyl chloride		0.5	
74-83-9	Bromomethane	 	0.5	
75-00-3	Chloroethane		0.5	
75-69-4	Trichlorofluoromethane		0.5	
75-35-4	1,1-Dichloroethene		0.5	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		0.5	Ü
67-64-1	Acetone		5	U
75-15-0	Carbon disulfide		0.5	U
79-20-9	Methyl acetate		0.5	υ
75-09-2	Methylene chloride		0.5	υ
156-60-5	trans-1,2-Dichloroethene		0.5	U
1634-04-4	Methyl tert-butyl ether		0.5	U
75-34-3	1,1-Dichloroethane		0.5	U
156-59-2	cis-1,2-Dichloroethene		0.5	U
78-93-3	2-Butanone		5	U
74-97-5	Bromochloromethane		0.5	
67-66-3	Chloroform		0.5	U
71-55-6	1,1,1-Trichloroethane		0.5	U
110-82-7	Cyclohexane		0.5	
56-23-5	Carbon tetrachloride		0.5	
71-43-2	Benzene		0.5	
107-06-2	1,2-Dichloroethane		0.5	
123-91-1	1,4-Dioxane		20	
79-01-6	Trichloroethene		0.5	
108-87-2	Methylcyclohexane	L	0.5	
78-87-5	1,2-Dichloropropane		0.5	
75-27-4	Bromodichloromethane		0.5	
10061-01-5	cis-1,3-Dichloropropene	j	0.5	υJ

Form I VOA-9 (e-form)

0.5 บ

OLM04.2

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem	Laboratories	, Inc.	Contract:	H1PX2 (BGH-SW-21)
Lab Code:	DATAC	Case No.:	36335	SAS No.:	SDG No.: H1PW2
Matrix: (soil	/water)	WATER	_	Lab Sample	ID: 7116028003
Sample wt/vol	: 25	_(g/mL) _mL	_	Lab File II):
Level: (low/m	ned) LOW			Date Receiv	red: 04/26/2007
% Moisture: n	ot dec.	NA		Date Analyz	zed: <u>4/30/2007</u>
GC Column:		ID:	(mm)	Dilution Fa	actor: 1
Soil Extract	Volume:	(uL)	Soil Aliquo	ot Volume:(uL)
CAS NO.	COMPOU	IND			ATION UNITS: Q ug/Kg) ug/L
108-10-1	4-Methy	1-2-Pentanon	e		5 U
108-88-3	Toluene				0.5 U
10061-02-6	trans-1	,3-Dichlorop	ropene		0.5 U
79-00-5	1,1,2-T	richloroetha	ne		0.5 U
127-18-4	Tetrach	loroethene			0.5 ช

108-10-1	4-Methyl-2-Pentanone	5	U
108-88-3	Toluene	0.5	Ü
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	Ŭ
127-18-4	Tetrachloroethene	0.5	U
591-78-6	2-Hexanone	5	U
124-48-1	Dibromochloromethane	0.5	U
106-93-4	1,2-Dibromoethane	0.5	Ū
108-90-7	Chlorobenzene	0.5	U
100-41-4	Ethylbenzene	0.5	U
95-47-6	o-Xylene	0.5	U
179601-23-1	m,p-Xylene	0.5	U
100-42-5	Styrene	0.5	ט
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
79-34-5 541-73-1	1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene	0.5	U
			
541-73-1	1,3-Dichlorobenzene	0.5	U
541-73-1 106-46-7	1,3-Dichlorobenzene 1,4-Dichlorobenzene	0.5	U
541-73-1 106-46-7 95-50-1	1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene	0.5 0.5 0.5	U U

1A (e-form)

EPA SAMPLE NO.

	VODATIBE ORGANICS ANABISIS DATE	N SHEET			
Lab Name: _ [DataChem Laboratories, Inc. Contract:	H1PX5 (BGH-SW-22)			
Lab Code:	DATAC Case No.: 36335 SAS I	No.: SDG No.: H1PW	2		
Matrix: (soil,	/water) WATER	Lab Sample ID: 7116028004			
Sample wt/vol:	25 (g/mL) mL	Lab File ID:	_		
Level: (low/me	ed) LOW	Date Received: 04/26/2007			
% Moisture: not dec. NA Date Analyzed: 4/30/2007					
GC Column: ID: (mm) Dilution Factor:					
Soil Extract Volume: (uL) Soil Aliquot Volume:					
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L	?		
75-71-8	Dichlorodifluoromethane	0.5 U			
74-87-3	Chloromethane	0.5 U			
75-01-4	Vinyl chloride	0.5 U			
74-83-9	Bromomethane	0.5 U			
75-00-3	Chloroethane	0.5 U			
75-69-4	Trichlorofluoromethane	0.5 U	\neg		
75-35-4	1,1-Dichloroethene	0.5 U			
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.5 U			
67-64-1	Acetone	5 U			
75-15-0	Carbon disulfide	0.5 ប			
79-20-9	Methyl acetate	0.5 U			
75-09-2	Methylene chloride	0.5 U			
156-60-5	trans-1,2-Dichloroethene	0.5 U			
1634-04-4	Methyl tert-butyl ether	0.5 U			
75-34-3	1,1-Dichloroethane	0.5 U			
156-59-2	cis-1,2-Dichloroethene	0.5 U			
78-93-3	2-Butanone	5 U			
74-97-5	Bromochloromethane	0.5 U			

Form I VOA-15 (e-form)

67-66-3

71-55-6

110-82-7

56-23-5

71-43-2

107-06-2

123-91-1

79-01-6

108-87-2

78-87-5

75-27-4

10061-01-5

Chloroform

Cyclohexane

1,4-Dioxane

Benzene

1,1,1-Trichloroethane

Carbon tetrachloride

1,2-Dichloroethane

Trichloroethene

Methylcyclohexane

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

1A (e-form)

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

			H1PXS	
Lab Name:	DataChem Laboratories, Inc.	Contract:	1868-34-	221
Lab Code:I	DATAC Case No.: 36335	SAS No.:	SDG No.: H	1 PW2
Matrix: (soil	/water) <u>WATER</u>	Lab Sample ID	711602800	04
Sample wt/vol	: <u>25 (g/mL) mL</u>	Lab File ID:		
Level: (low/me	ed) <u>LOW</u>	Date Received:	04/26/200	07
% Moisture: no	ot dec. NA	Date Analyzed	4/30/2007	_
GC Column:	ID:(mm)	Dilution Facto	or: <u>1</u>	
Soil Extract V	/olume:(uL)	Soil Aliquot V	olume:	(uL
CAS NO.	COMPOUND	CONCENTRATIO	ON UNITS:	Q
		(ug/L or ug.	(Kg) ug/L	_
108-10-1	4-Methyl-2-Pentanone	<u> </u>	5	U
108-88-3	Toluene		0.5	U
10061-02-6	trans-1,3-Dichloropropene		0.5	U
79-00-5	1,1,2-Trichloroethane		0.5	U
127-18-4	Tetrachloroethene		0.5	U
591-78-6	2-Hexanone		5	U
124-48-1	Dibromochloromethane		0.26	J
106-93-4	1,2-Dibromoethane	7	0.5	U
108-90-7	Chlorobenzene		0.5	U
100-41-4	Ethylbenzene		0.5	U
95-47-6	o-Xylene		0.5	U
179601-23-1	m,p-Xylene		0.5	U
100-42-5	Styrene		0.5	U
75-25-2	Bromoform		0.5	U
98-82-8	Isopropylbenzene		0.5	U
79-34-5	1,1,2,2-Tetrachloroethane		0.5	U
541-73-1	1,3-Dichlorobenzene		0.5	U
106-46-7	1,4-Dichlorobenzene		0.5	U
95-50-1	1,2-Dichlorobenzene		0.5	U
96-12-8	1,2-Dibromo-3-chloropropan	e	0.5	Ü

U

0.5 U

0.5 ป

0.5 U

0.5 U

0.5 U

0.5 U

> 20 U

0.5 U

0.5 U 0.5

0.2 J

0.5 U

120-82-1

87-61-6

0.5 ป

0.5 U

CAS NO.

COMPOUND

EPA SAMPLE NO.

CONCENTRATION UNITS:

Lab Name: DataChem	Laboratories, Inc. Co	ontract: H1PX6 (BGH-SW-23)
Lab Code: DATAC	Case No.: 36335	SAS No.: SDG No.: H1PW2
Matrix: (soil/water)	WATER	Lab Sample ID: 7116028005
Sample wt/vol: 25	(g/mL) mL	Lab File ID:
Level: (low/med) LO	<u>*</u>	Date Received: 04/26/2007
% Moisture: not dec.	NA	Date Analyzed: 4/30/2007
GC Column:	ID: (mm)	Dilution Factor: 1
Soil Extract Volume:	(uL)	Soil Aliquot Volume:(uL)

(ug/L or ug/Kg) ug/L 75-71-8 Dichlorodifluoromethane 0.5 U 74-87-3 Chloromethane 0.5 0 Vinyl chloride 75-01-4 0.5 U 74-83-9 Bromomethane 0.5 U 75-00-3 Chloroethane 0.5 U 75-69-4 Trichlorofluoromethane 0.5 U 75-35-4 1,1-Dichloroethene 0.5 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 0.5 U 67-64-1 Acetone 5 U 75-15-0 Carbon disulfide 0.5 U 79-20-9 Methyl acetate 0.5 U 75-09-2 Methylene chloride 0.5 U 156-60-5 trans-1,2-Dichloroethene 0.5 U Methyl tert-butyl ether 1634-04-4 0.5 U 75-34-3 1,1-Dichloroethane 0.5 U 156-59-2 cis-1,2-Dichloroethene 0.5 U 2-Butanone 78-93-3 5 U Bromochloromethane 74-97-5 0.5 U 67-66-3 Chloroform 0.5 ប 71-55-6 1,1,1-Trichloroethane 0.5 U 110-82-7 Cyclohexane 0.5 U 56-23-5 Carbon tetrachloride 0.5 U 71-43-2 Benzene 0.5 0 107-06-2 1,2-Dichloroethane 0.5 U 123-91-1 1,4-Dioxane 20 U 79-01-6 Trichloroethene 0.5 U 108-87-2 Methylcyclohexane 0.5 U 78-87-5 1,2-Dichloropropane 0.5 U 75-27-4 Bromodichloromethane 0.35 J 10061-01-5 cis-1,3-Dichloropropene 0.5

Form I VOA-21 (e-form)

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

CONCENTRATION UNITS:

Lab Name: _I	DataChem L	aboratories,	Inc.	Contract	:: <u>_</u>			PX6 SW-23)
Lab Code: _I	DATAC	Case No.:	36335	SAS	No.:		SDG No.:	H1 PW2
Matrix: (soil	/water)	WATER	_		Lab	Sample ID:	711602	8005
Sample wt/vol	: 25	(g/mL) mL	_		Lab	File ID:		
Level: (low/me	ed) LOW				Dat	e Received:	04/26/	2007
% Moisture: no	ot dec.	NA			Dat	e Analyzed:	4/30/20	07
GC Column:		ID:	(mm)		Dil	ution Facto	or: 1	_
Soil Extract \	Volume:	(1	ıL)		Soi	l Aliquot V	/olume:	(uL)

CAS NO.

COMPOUND

		(ug/L or ug/Kg) ug/L	_
108-10-1	4-Methyl-2-Pentanone	5	U
108-88-3	Toluene	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	U
79-00-5	1,1,2-Trichloroethane	0.5	Ü
127-18-4	Tetrachloroethene	0.5	U
591-78-6	2-Hexanone	5	Ū
124-48-1	Dibromochloromethane	0.44	J
106-93-4	1,2-Dibromoethane	0.5	Ū
108-90-7	Chlorobenzene	0.5	U
100-41-4	Ethylbenzene	0.5	U
95-47-6	o-Xylene	0.5	U
179601-23-1	m,p-Xylene	0.5	Ū
100-42-5	Styrene	0.5	ឋ
75-25-2	Bromoform	0.5	U
98-82-8	Isopropylbenzene	0.5	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	U
541-73-1	1,3-Dichlorobenzene	0.5	U
106-46-7	1,4-Dichlorobenzene	0.5	Ü
95-50-1	1,2-Dichlorobenzene	0.5	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	U
120-82-1	1,2,4-Trichlorobenzene	0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	U

EPA SAMPLE NO.

		H1YD5 (BGH-SW-24)
Lab Name:	DataChem Laboratories, Inc. Contract:	(BGH-3W-24)
Lab Code:	DATAC Case No.: 36335 SAS N	O.: SDG No.: H1PW2
Matrix: (soi	1/water) WATER	Lab Sample ID: 7122014002
Sample wt/vo	ol: 25 (g/mL) mL	Lab File ID:
Level: (low/	med) LOW	Date Received: 05/01/2007
% Moisture:	not dec. NA	Date Analyzed: 5/6/2007
GC Column:	1D: (mm)	Dilution Factor: 1
Soil Extract	Volume: (uL)	Goil Aliquot Volume:(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/L
75-71-8	Dichlorodifluoromethane	0.5 U
74-87-3	Chloromethane	0.5 บ
75-01-4	Vinyl chloride	0.5 U
74-83-9	Bromomethane	0.5 U
75-00-3	Chloroethane	0.5 บ
75-69-4	Trichlorofluoromethane	0.5 U
75-35-4	1,1-Dichloroethene	0.5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	
75-15-0	Acetone	5 U
79-20-9	Carbon disulfide	0.5 U
75-09-2	Methyl acetate Methylene chloride	0.5 U
156-60-5		
1634-04-4	trans-1,2-Dichloroethene Methyl tert-butyl ether	0.5 U
75-34-3	1,1-Dichloroethane	0.5 U
156-59-2	cis-1,2-Dichloroethene	0.5 U
78-93-3	2-Butanone	5 U
74-97-5	Bromochloromethane	0.5 U
67-66-3	Chloroform	0.5 U
71-55-6	1,1,1-Trichloroethane	0.5 U
110-82-7	Cyclohexane	0.5 U
56-23-5	Carbon tetrachloride	0.5 U
71-43-2	Benzene	0.5 U
107-06-2	1,2-Dichloroethane	0.5 U
123-91-1	1,4-Dioxane	20 U
79-01-6	Trichloroethene	0.5 U
108-87-2	Methylcyclohexane	0.5 U
78-87-5	1,2-Dichloropropane	0.5 U
75-27-4	Bromodichloromethane	0.19 J
10061-01-5	cis-1,3-Dichloropropene	0.5 U

Form I VOA-29 (e-form)

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

r - b Nomo	OstaChom Inhovetarina	Ing	Contract:		HIY (BGH-SW	
_	DataChem Laboratories,					_
Lab Code:	DATAC Case No.:	36335	SAS No	·:	SDG No.: _	H1PW2
Matrix: (soil	/water) WATER		Lá	ab Sample ID:	7122014	1002
Sample wt/vol	: 25 (g/mL) mL		Lá	ab File ID:		
Level: (low/m	ed) LOW		Da	te Received:	05/01/2	007
% Moisture: n	ot dec. <u>NA</u>		Da	te Analyzed:	5/6/2007	<u>·</u>
GC Column:	ID:	(mm)	Di	lution Facto	or: 1	
Soil Extract	Volume:(u	L)	So	oil Aliquot V	olume:	(uL)
CAS NO.	COMPOUND			CONCENTRATIO	ON UNITS:	Q
				(ug/L or ug/	(Kg) ug/L	_
108-10-1	4-Methyl-2-Pentanone					5 U
108-88-3	Toluene					5 บ
10061-02-6	trans-1,3-Dichloropr	opene			0.	5 U
79-00-5	1,1,2-Trichloroethan	e			0.	5 ซ
127-18-4	Tetrachloroethene				0.	5 U
591-78-6	2-Hexanone					5 U
124-48-1	Dibromochloromethane				0.	5 U
106-93-4	1,2-Dibromoethane				0.9	5 U
108-90-7	Chlorobenzene				0.9	5 ซ
100-41-4	Ethylbenzene				0.5	5 U
95-47-6	o-Xylene				0.5	5 U
179601-23-1	m,p-Xylene				0.5	5 U
100-42-5	Styrene				0.5	5 U
75-25-2	Bromoform				0.5	5 U
98-82-8	Isopropylbenzene				0.5	5 U
79-34-5	1,1,2,2-Tetrachloroe	thane			0.5	5 U
541-73-1	1,3-Dichlorobenzene				0.9	5 U
106-46-7	1,4-Dichlorobenzene				0.5	5 U
95-50-1	1,2-Dichlorobenzene				0.5	5 U
96-12-8	1,2-Dibromo-3-chloro	propane			0.5	5 U
120-82-1	1,2,4-Trichlorobenze	ne			0.9	5 U
87-61-6	1,2,3-Trichlorobenze	ne			0.9	5 U

EPA SAMPLE NO.

Lab Name:	DataChem L	aboratories,	Inc.	Contract				PW5 SW-20)
Lab Code:	DATAC	Case No.:	36335	SAS	No.:		SDG No.:	H1PW2
Matrix: (soi	.l/water)	WATER	_		Lab	Sample ID:	_711602	8002
Sample wt/vo	1: <u>1</u> 000	(g/mL) mL	•		Lab	File ID:		
Level: (low/	med) LOW				Date	Received:	04/26/	2007
% Moisture:	<u>NA</u>	Decanted:	(Y/N)		Date	Extracted	1: 04/29/	2007
Concentrated	Extract Vo	lume:	(u	1L) .	Date	Analyzed:	4/30/20	07
Injection Vo	lume:	(uL)			Dilu	tion Facto	r: <u>1</u>	_
GPC Cleanup:	(Y/N)		рн	6	Extr	action:	(Type)	Unknown
CAS NO.	COMPOUT	V D				ONCENTRATIO		<u>,</u> Q
100-52-7	Benzalde	hyde						5 U

100-52-7	Benzaldehyde	5	υ
108-95-2	Phenol	5	U
111-44-4	Bis(2-chloroethyl)ether	5	U
95-57-8	2-Chlorophenol	5	U
95-48-7	2-Methylphenol	5	Ü
108-60-1	2,2'-Oxybis(1-chloropropane)	5	U
98-86-2	Acetophenone	5	U
106-44-5	4-Methylphenol	5	Ŭ
621-64-7	N-Nitroso-di-n-propylamine	5	Ū
67-72-1	Hexachloroethane	5	Ü
98-95-3	Nitrobenzene	5	Ü
78-59-1	Isophorone	5	Ü
88-75-5	2-Nitrophenol	5	Ū
105-67-9	2,4-Dimethylphenol	5	Ù
111-91-1	Bis(2-chloroethoxy)methane	5	Ü
120-83-2	2,4-Dichlorophenol	5	Ū
91-20-3	Naphthalene	5	Ŭ.
106-47-8	4-Chloroaniline	5	Ü
87-68-3	Hexachlorobutadiene	5	U
105-60-2	Caprolactam	5	Ū
59-50-7	4-Chloro-3-methylphenol	5	Ü
91-57-6	2-Methylnaphthalene	5	U
77-47-4	Hexachlorocyclopentadiene	5	U
88-06-2	2,4,6-Trichlorophenol	5	Ū .
95-95-4	2,4,5-Trichlorophenol	5	Ū
92-52-4	1,1'-Biphenyl	5	Ū
91-58-7	2-Chloronaphthalene	5	U
88-74-4		0	Ū
131-11-3	Dimethylphthalate	5	Ü
606-20-2	2,6-Dinitrotoluene	5	Ū
208-96-8		5	Ü
99-09-2		0	Ū
83-32-9		5	Ü
51-28-5		0	U
100-02-7	4-Nitrophenol 1	이	U

Form I SV-5 (e-form)

1C (e-form)

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem Laboratories, Inc. Contract:	H1PW5 (BGH-SW-20)
Lab Code:	DATAC Case No.: 36335 SAS No.:	SDG No.: H1PW2
Matrix: (soil	/water) WATER Lab Samp	le ID: 7116028002
Sample wt/vol	: 1000 (g/mL) <u>mL</u> Lab File	ID:
Level: (low/m	ed) LOW Date Rec	eived: 04/26/2007
% Moisture:	NA Decanted: (Y/N) Date Ext	racted: 04/29/2007
Concentrated	Extract Volume: (uL) Date Ana	lyzed: 4/30/2007
Injection Vol	ume: (uL) Dilution	Factor: 1
GPC Cleanup:	(Y/N) pH6 Extracti	on: (Type) <u>Unknown</u>
CAS NO.	COMPOUND CONCEN	TRATION UNITS:
	(ug/L	or ug/Kg) <u>ug/L</u> Q
132-64-9	Dibenzofuran	51 U
121-14-2	2,4-Dinitrotoluene	5 U
84-66-2	Diethylphthalate	0.27 J
86-73-7	Fluorene	5 U
7005-72-3	4-Chlorophenyl-phenylether	5 U
100-01-6	4-Nitroaniline	10 U
534-52-1	4,6-Dinitro-2-methylphenol	10 U
86-30-6	N-Nitrosodiphenylamine	5 U
95-94-3	1,2,4,5-Tetrachlorobenzene	5 U
101-55-3	4-Bromophenyl-phenylether	5 U
118-74-1	Hexachlorobenzene	5 U
1912-24-9	Atrazine	5 U
87-86-5	Pentachlorophenol	10 U
85-01-8	Phenanthrene	5 U
120-12-7	Anthracene	5 U
86-74-8	Carbazole	5 Ü
84-74-2	Di-n-butylphthalate	5 U
206-44-0	Fluoranthene .	5 Ü
129-00-0	Pyrene	5 U
85-68-7	Butylbenzylphthalate	0.57 J
91-94-1	3,3'-Dichlorobenzidine	5 U
56-55-3	Benzo(a)anthracene	5 U
218-01-9	Chrysene	5 U
117-81-7	Bis(2-ethylhexyl)phthalate	0.36 Ј
117-84-0	Di-n-octylphthalate	5 U
205-99-2	Benzo(b)fluoranthene	5 U
207-08-9	Benzo(k)fluoranthene	5 U
50-32-8	Benzo(a)pyrene	5 U
193~39~5	Indeno(1,2,3-cd)pyrene	5 Û
53-70-3	Dibenzo (a, h) anthracene	
191-24-2 58-90-2	Benzo(g,h,i)perylene 2,3,4,6-Tetrachlorophenol	5 U
38-90-2	2,5,4,0-letrachiorophenoi	<u>5</u> [U

1C (e-form)

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem Laboratories, Inc. Con	tract:	H1PX2 (BGH-SW-21)
	DATAC		SDG No.: H1PW2
_	/water) WATER	Lab Sample ID:	-
	: 1000 (g/mL) mL	Lab File ID:	
Level: (low/m		Date Received:	
			
* Moisture:	NA Decanted: (Y/N)	Date Extracted	: _04/29/2007
	Extract Volume:(uL)		
Injection Vol	ume:(uL)	Dilution Facto	r: 1
GPC Cleanup:	(Y/N) pH <u>6</u>	Extraction:	(Type) Unknown
CAS NO.	COMPOUND	CONCENTRATIO	ON UNITS:
		(ug/L or ug/	Kg) ug/L Q
100-52-7	Benzaldehyde		5 0
108-95-2	Phenol		5 U
111-44-4	Bis(2-chloroethyl)ether	+	5 U
95-57-8	2-Chlorophenol		
95-48-7	2-Methylphenol		
108-60-1	2,2'-Oxybis(1-chloropropane)		5 U
98-86-2	 		5 U
106-44-5	Acetophenone 5 4-Methylphenol 5		
621-64-7	N-Nitroso-di-n-propylamine 5		
67-72-1	Hexachloroethane		5 U
98-95-3	Nitrobenzene 5		
78-59-1	Isophorone	1	5 U
88-75-5	2-Nitrophenol	1	5 U
105-67-9	2,4-Dimethylphenol	T	5 U
111-91-1	Bis(2-chloroethoxy)methane		5 U
120-83-2	2,4-Dichlorophenol		5 U
91-20-3	Naphthalene		5 U
106-47-8	4-Chloroaniline		5 U
87-68-3	Hexachlorobutadiene		5 U
105-60-2	Caprolactam		5 U
59-50-7	4-Chloro-3-methylphenol		5 U
91-57-6	2-Methylnaphthalene	1	5 U
77-47-4	Hexachlorocyclopentadiene		5 U
88-06-2	2,4,6-Trichlorophenol		5 U
95-95-4	2,4,5-Trichlorophenol		5] 0
92-52-4	1,1'-Biphenyl		5 U
91-58-7	2-Chloronaphthalene		5 U
88-74-4	2-Nitroaniline		10 U
131-11-3	Dimethylphthalate		5 U
606-20-2	2,6-Dinitrotoluene		5 U
208-96-8	Acenaphthylene		5 U
99-09-2 83-32-9	3-Nitroaniline		10 U 5 U
51-28-5	Acenaphthene 2,4-Dinitrophenol		10 0
100-02-7	4-Nitrophenol		10 0
1 100-02-1	1 a merophicuor	J	70 0

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem Laboratories, Inc. Cont	tract: (BGH-SW-21)
		SAS No.: SDG No.: H1PW2
		
	/water) <u>WATER</u>	Lab Sample ID: 7116028003
Sample wt/vol	: 1000 (g/mL) mL	Lab File ID:
Level: (low/m	ed) LOW	Date Received: 04/26/2007
% Moisture:	NA Decanted: (Y/N)	Date Extracted: 04/29/2007
Concentrated	Extract Volume:(uL)	Date Analyzed: 4/30/2007
Injection Vol	ume:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>6</u>	Extraction: (Type) Unknown
CAS NO.	COMPOUND	CONCENTRATION UNITS:
	302 302	(ug/L or ug/Kg) _ug/L_ Q
132-64-9	Dibenzofuran	
121-14-2	2,4-Dinitrotoluene	5 U
84-66-2	Diethylphthalate	0.29 J
86-73-7	Fluorene	5 U
7005-72-3	4-Chlorophenyl-phenylether	5 U
100-01-6	4-Nitroaniline	10 0
534-52-1	4,6-Dinitro-2-methylphenol	10 0
86-30-6	N-Nitrosodiphenylamine	5 U
95-94-3	1,2,4,5-Tetrachlorobenzene	5 Ü
101-55-3	4-Bromophenyl-phenylether	5 U
118-74-1	Hexachlorobenzene	5 U
1912-24-9	Atrazine	5 U
87-86-5	Pentachlorophenol	10 0
85-01-8	Phenanthrene	5 U
120-12-7	Anthracene	5 U
86-74-8	Carbazole	5 U
84-74-2	Di-n-butylphthalate	5 U
206-44-0	Fluoranthene	5 U
129-00-0	Pyrene	5 0
85-68-7	Butylbenzylphthalate	0.6 J
91-94-1	3,3'-Dichlorobenzidine	5 U
56-55-3	Benzo(a)anthracene	5 Ü
218-01-9	Chrysene	5 U
117-81-7	Bis(2-ethylhexyl)phthalate	0.92 J
117-84-0	Di-n-octylphthalate	5 U
205-99-2	Benzo(b)fluoranthene	5 U
207-08-9	Benzo(k)fluoranthene	5 U
50-32-8	Benzo(a)pyrene	5 U
193-39-5	Indeno(1,2,3-cd)pyrene	5 U
53-70-3	Dibenzo(a,h)anthracene	5 U
191-24-2	Benzo(g,h,i)perylene	5 U
58-90-2	2,3,4,6-Tetrachlorophenol	5 Ü

EPA SAMPLE NO.

I sh Nama	H1PX5 (BGH-SW-22)			
	DataChem Laboratories, Inc. Con			
	DATAC Case No.: 36335			
Matrix: (soil	/water) <u>WATER</u>	Lab Sample ID	7116028004	
Sample wt/vol	: 1000 (g/mL) mL	Lab File ID:		
Level: (low/m	ed) <u>LOW</u>	Date Received	04/26/2007	
% Moisture:	NA Decanted: (Y/N)	Date Extracted	1: 04/29/2007	
Concentrated :	Extract Volume: (uL)	Date Analyzed:	4/30/2007	
Injection Volu	ume:(uL)	Dilution Facto	or: 1	
GPC Cleanup:	(Y/N) pH6	Extraction:	(Type) Unknown	
CAS NO.	COMPOUND	CONCENTRATIO	ON UNITS:	
			/Kg) ug/L Q	
100-52-7	Benzaldehyde		5 U	
108-95-2	Phenol		5 0	
111-44-4	Bis(2-chloroethyl)ether		5 0	
95-57-8	2-Chlorophenol		5 0	
95-48-7	2-Methylphenol		5 U	
108-60-1	2,2'-Oxybis(1-chloropropane)		- 5 U	
98-86-2	Acetophenone		5 U	
106-44-5	4-Methylphenol 5 U			
621-64-7	N-Nitroso-di-n-propylamine 5 U			
67-72-1	Hexachloroethane		5 Ŭ	
98-95-3	Nitrobenzene 5 U			
78-59-1	Isophorone 5 U			
88-75-5	2-Nitrophenol 5 U			
105-67-9	2,4-Dimethylphenol 5 U			
111-91-1	Bis(2-chloroethoxy)methane		5 u	
120-83-2	2,4-Dichlorophenol		5 U	
91-20-3	Naphthalene		5 0	
106-47-8	4-Chloroaniline		ši ŭ	
87-68-3	Hexachlorobutadiene		5 U	
105-60-2	Caprolactam		5 0	
59-50-7	4-Chloro-3-methylphenol		5 U	
91-57-6	2-Methylnaphthalene 5 U			
77-47-4	Hexachlorocyclopentadiene 5 U			
88-06-2	2,4,6-Trichlorophenol 5 U			
95-95-4	2,4,5-Trichlorophenol 5 U			
92-52-4	1,1'-Biphenyl 5 U			
91-58-7	2-Chloronaphthalene 5 U			
88-74-4	2-Nitroaniline 10 Ü			
131-11-3	Dimethylphthalate		5 U	
606-20-2	2,6-Dinitrotoluene		5 U	
208-96-8	Acenaphthylene		5 0	
99-09-2	3-Nitroaniline		10 U	
83-32-9	Acenaphthene		- 5 U	
51-28-5	2,4-Dinitrophenol		10 U	
100-02-7	4-Nitrophenol 10 U			

Form I SV-17 (e-form)

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name. F	OataChem Laboratories, Inc. Contract:	H1PX5 (BGH-SW-22)	
			
Lab Code:	DATAC Case No.: 36335 SAS No.:	SDG No.: H1PWZ	
Matrix: (soil/	/water) WATER Lab S	ample ID: 7116028004	
Sample wt/vol:	: 1000 (g/mL) mL Lab F	ile ID:	
Level: (low/me	ed) LOW Date	Received: 04/26/2007	
% Moisture:	NA Decanted: (Y/N) Date	Extracted: 04/29/2007	
Concentrated E	Extract Volume:(uL) Date A	Analyzed: 4/30/2007	
Injection Volu	ume:(uL) Dilut.	ion Factor: 1	
GPC Cleanup:		ction: (Type) Unknown	
		CENTRATION UNITS:	
CAS NO.		/L or ug/Kg) ug/L Q	
132-64-9	Dibenzofuran		
121-14-2	2,4-Dinitrotoluene		
84-66-2	Diethylphthalate	0.29 J	
86-73-7	Fluorene	5 U	
7005-72-3	4-Chlorophenyl-phenylether	- 5 U	
100-01-6	4-Nitroaniline	10 U	
534-52-1	4.6-Dinitro-2-methylphenol	10 U	
86-30-6	N-Nitrosodiphenylamine	5 U	
95-94-3	1,2,4,5-Tetrachlorobenzene		
101-55-3	4-Bromophenyl-phenylether	5 U	
118-74-1	Hexachlorobenzene		
1912-24-9	Atrazine	5 U	
87-86-5	Pentachlorophenol		
85-01-8	Phenanthrene		
120-12-7	Anthracene		
86-74-8	Carbazole	- <u>- 5l u</u>	
84-74-2	Di-n-butylphthalate	0.24 J	
206-44-0	Fluoranthene	5 0	
129-00-0	Pyrene	5 U	
85-68-7	Butylbenzylphthalate	0.52 J	
91-94-1	3.3'-Dichlorobenzidine	5 U	
56-55-3	Benzo(a)anthracene		
218-01-9	Chrysene	5 U	
117-81-7	Bis(2-ethylhexyl)phthalate	0.34 J	
117-84-0	Di-n-octylphthalate 5		
205-99-2 Benzo(b) fluoranthene 5			
207-08-9 Benzo(k) fluoranthene 5			
50-32-8	Benzo(a)pyrene	5 U 5 U	
193-39-5	Indeno(1,2,3-cd)pyrene	5 U	
53-70-3	Dibenzo(a,h)anthracene	5 U	
191-24-2	Benzo(g,h,i)perylene	5 U	
58-90-2	2 3 4 6-Tetrachlorophenol	. 5 1	

EPA SAMPLE NO.

			H1PX6 (BGH-SW-23)
Lab Name:	DataChem Laboratories, Inc. Co	ntract:	
Lab Code:	DATAC Case No.: 36335	SAS No.:	SDG No.: H1PW2
Matrix: (soi	1/water) WATER	Lab Sample ID:	7116028005
Sample wt/vo	1: 1000 (g/mL) mL	Lab File ID:	<u> </u>
Level: (low/	med) LOW	Date Received:	04/26/2007
% Moisture:	NA Decanted: (Y/N)	Date Extracted:	04/29/2007
Concentrated	Extract Volume:(uL)	Date Analyzed:	4/30/2007
	lume: (uL)	Dilution Factor	: 1
GPC Cleanup:	(Y/N) pH6	Extraction: (Type) <u>Unknown</u>
CAS NO.	COMPOUND	CONCENTRATIO	UNITS:
		(ug/L or ug/i	
100 50 7	L parallel Lilli		- "
100-52-7	Benzaldehyde Phenol		5 U
111-44-4	Bis(2-chloroethyl)ether		5 U
95-57-8			5 U
95-48-7	2-Chlorophenol		5 U
	2-Methylphenol		5 U
108-60-1	2,2'-Oxybis(1-chloropropane)		5 Ü
98-86-2	Acetophenone		5 U
106-44-5	4-Methylphenol		5 Ū
621-64-7	N-Nitroso-di-n-propylamine	— — —————	5 U
67-72-1	Hexachloroethane		5 U
98-95-3	Nitrobenzene		5 U
78-59-1	Isophorone		5 U
88-75-5	2-Nitrophenol		5 U
105-67-9	2,4-Dimethylphenol		5 U
111-91-1	Bis(2-chloroethoxy)methane		5 บ
120-83-2	2,4-Dichlorophenol		5 บ
91-20-3	Naphthalene		5 U
106-47-8	4-Chloroaniline		5 U
87-68-3	Hexachlorobutadiene		5 U
105-60-2	Caprolactam		5 0
59-50-7 91-57-6	4-Chloro-3-methylphenol 2-Methylnaphthalene		5 U
77-47-4			5 U
88-06-2	Hexachlorocyclopentadiene 2,4,6-Trichlorophenol		5 0
95-95-4	2,4,5-Trichlorophenol		5 U
92-52-4	1,1'-Biphenyl		5 U
91-58-7	2-Chloronaphthalene		5 U
88-74-4	2-Chioronaphthalene		10 0
131-11-3	Dimethylphthalate		5 U
606-20-2	2,6-Dinitrotoluene		- 5 U
208-96-8	Acenaphthylene	··	5 U
99-09-2	3-Nitroaniline		10 0
83-32-9	Acenaphthene		5 0
51-28-5	2,4-Dinitrophenol		10 0
100-02-7	4-Nitrophenol		10 7

Form I SV-23 (e-form)

OLM04.2

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Namo	DataChem Laboratories, Inc. Contract		H1PX (BGH-SW		
_			and N-	.1 500	
Lab Code: _	DATAC Case No.: 36335 SAS	NO.:	SDG NO.: _I	II PWZ	
Matrix: (soil	/water) WATER	Lab Sample ID:	71160280	05	
Sample wt/vol	: 1000 (g/mL) mL	Lab File ID:			
Level: (low/m	ed) LOW	Date Received:	04/26/20	07	
% Moisture:	NA Decanted: (Y/N)	Date Extracted	: 04/29/20	07	
Concentrated	Extract Volume: (uL)	Date Analyzed:	4/30/2007		
Injection Vol	ume: (uL)	Dilution Facto	r: <u>1</u>	_	
GPC Cleanup:	(Y/N) pH6	Extraction:	(Type) <u>Ur</u>	known	
CAS NO	COMPOUND	CONCENTRATIO	ON UNITS:		
C.ID 140.	50m 50m	(ug/L or ug/		Q	
132-64-9	Dibenzofuran			U	
121-14-2	2,4-Dinitrotoluene			Ū	
84-66-2	Diethylphthalate		0.27		
86-73-7	Fluorene			Ü	
7005-72-3	4-Chlorophenyl-phenylether			Ū	
100-01-6	4-Nitroaniline			- 0	
534-52-1	4,6-Dinitro-2-methylphenol				
86-30-6	N-Nitrosodiphenylamine 5				
95-94-3	N-Nitrosodiphenylamine 5 1,2,4,5-Tetrachlorobenzene 5				
101-55-3	4-Bromophenyl-phenylether		5		
118-74-1	Hexachlorobenzene			Ū	
1912-24-9	Atrazine		- 5	Ū	
87-86-5	Pentachlorophenol		10		
85-01-8	Phenanthrene		- 5	Ü	
120-12-7	Anthracene		5		
86-74-8	Carbazole		5	Ū	
84-74-2	Di-n-butylphthalate		5	Ü	
206-44-0	Fluoranthene		5	Ū	
129-00-0	Pyrene		- 5	U	
85-68-7	Butylbenzylphthalate		0.23	J	
91-94-1	, 200) - 1			U	
56-55-3				U	
218-01-9	Chrysene 5 U			U	
117-81-7	Bis(2-ethylhexyl)phthalate 0.26 J				
117-84-0					
205-99-2 Benzo(b) fluoranthene 5					
207-08-9 Benzo(k) fluoranthene 5				U	
50-32-8					
193-39-5	Indeno(1,2,3-cd)pyrene		5	Ū	
53-70-3	Dibenzo(a, h) anthracene		5	U	
191-24-2	Benzo(g,h,i)perylene		5	Ū	
58-90-2	2,3,4,6-Tetrachlorophenol 5				

1C (e-form)

EPA SAMPLE NO.

SEMIVOLATILE	ORGANICS	ANALYSIS	DATA	SHEET

Lab Name:	DataChem Laboratories, Inc. Con	tract:	H1YD5 (BGH-SW-24)
_	DATAC Case No.: 36335		SDC No · u1mu2
Lab Code.	DATAC Case No.: 30333		
Matrix: (soil	/water) WATER	Lab Sample ID:	7122014002
Sample wt/vol	: 1000 (g/mL) mL	Lab File ID:	
Level: (low/m	ed) LOW	Date Received:	05/01/2007
% Moisture:	NA Decanted: (Y/N)	_ Date Extracted	1: 05/06/2007
	Extract Volume: (uL)	Date Analyzed:	
Injection Volu	ume: (uL)	Dilution Facto	or: <u>1</u>
GPC Cleanup:	(Y/N) pH6	Extraction:	(Type) <u>Unknown</u>
CAS NO	COMPOUND	CONCENTRATIO	א וואודיכ.
CAS NO.	COMPOUND		
•		(ug/L of ug	/Kg) ug/L Q
. 100-52-7	Benzaldehyde		5 Ü
108-95-2	Phenol		5 U
111-44-4	Bis(2-chloroethyl)ether		5 U
95-57-8	2-Chlorophenol		5 U
95-48-7	2-Methylphenol		5 Ü
108-60-1	2,2'-Oxybis(1-chloropropane)		5 U
98-86-2	Acetophenone		5 U
106-44-5	4-Methylphenol		5 U
621-64-7	N-Nitroso-di-n-propylamine		
67-72-1 98-95-3	Hexachloroethane Nitrobenzene		5 0 5 0
78-59-1	Isophorone		- 5 0 - 1
88-75-5	2-Nitrophenol		- 5 U
105-67-9	2.4-Dimethylphenol		5 0
111-91-1	Bis(2-chloroethoxy)methane		
120-83-2	2,4-Dichlorophenol		- 5 U
91-20-3	Naphthalene		- 5 U
106-47-8	4-Chloroaniline		
87-68-3	Hexachlorobutadiene		- 5 0
105-60-2	Caprolactam		- 5 Ŭ
59-50-7	4-Chloro-3-methylphenol		5 U
91-57-6	2-Methylnaphthalene		5 U
77-47-4	Hexachlorocyclopentadiene		5 Ū
88-06-2	2,4,6-Trichlorophenol		5 U
95-95-4	2,4,5-Trichlorophenol		5 U
92-52-4	1,1'-Biphenyl		5 U
91-58-7	2-Chloronaphthalene		'5 U
88-74-4	2-Nitroaniline		10 U
131-11-3	Dimethylphthalate		5 Ü
606-20-2	2,6-Dinitrotoluene		5 Ü
208-96-8	Acenaphthylene		5 U
99-09-2	3-Nitroaniline		10 0
83-32-9	Acenaphthene		5 Ü
51-28-5	2,4-Dinitrophenol		10 U
100-02-7	4-Nitrophenol		10 U

Form I SV-31 (e-form)

OLM04.2

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem Laboratories, Inc. Contract:	H1YD5 (BGH-SW-24)
Lab Code:	DATAC Case No.: 36335 SAS No.:	SDG No.: H1PW2
Matrix: (soi	il/water) WATER Lab Sam	nple ID: 7122014002
Sample wt/vo	ol: 1000 (g/mL) mL Lab Fil	le ID:
Level: (low/	/med) LOW Date Re	eceived: 05/01/2007
% Moisture:	NA Decanted: (Y/N) Date Ex	tracted: 05/06/2007
Concentrated	d Extract Volume:(uL) Date An	nalyzed: 5/8/2007
Injection Vo	olume:(uL) Dilutio	on Factor: 1
GPC Cleanup:	: (Y/N) pH6 Extract	ion: (Type) <u>Unknown</u>
CAS NO.	COMPOUND CONCE	ENTRATION UNITS:
	(ug/I	Lorug/Kg) ug/L Q
132-64-9	Dibenzofuran	5 U
121-14-2	2,4-Dinitrotoluene	5 U
84-66-2	Diethylphthalate	5 ti
86-73-7	Fluorene	5 U
7005-72-3	4-Chlorophenyl-phenylether	5 Ū
100-01-6	4-Nitroaniline	10 0
534-52-1	4,6-Dinitro-2-methylphenol	10 U
86-30-6	N-Nitrosodiphenylamine	5 0
95-94-3	1,2,4,5-Tetrachlorobenzene	5 Ú
101-55-3	4-Bromophenyl-phenylether	5 U
118-74-1	Hexachlorobenzene	5 U
1912-24-9	Atrazine	5 Ü
87-86-5	Pentachlorophenol	10 U
85-01-8	Phenanthrene	5 U
120-12-7	Anthracene	5 U
86-74-8	Carbazole	5 0
84-74-2	Di-n-butylphthalate	5 U
206-44-0	Fluoranthene	5 U
129-00-0	Pyrene	5 0
85-68-7	Butylbenzylphthalate 3.3'-Dichlorobenzidine	5 U
91-94-1	Benzo(a)anthracene	5 U
218-01-9	Chrysene	5 0
117-81-7	Bis(2-ethylhexyl)phthalate	
117-84-0	Di-n-octylphthalate	5 0
205-99-2	Benzo(b) fluoranthene	5 0
207-08-9	Benzo(k) fluoranthene	5 U
50-32-8	Benzo(a)pyrene	- <u>5 U</u>
193-39-5	Indeno(1,2,3-cd)pyrene	5 U
53-70-3	Dibenzo(a,h)anthracene	5 U
191-24-2	Benzo(g,h,i)perylene	
58-90-2	2,3,4,6-Tetrachlorophenol	5 0
	Taractura and the same of the	

EPA SAMPLE NO.

H1PW5

Lab Name: DataCh	nem Laboratories, Inc. Cont	ract: (BGH-SW-20)	
		SAS No.: SDG No.: H1PW2	
Matrix: (soil/water	r) WATER	Lab Sample ID: 7116028002	
Sample wt/vol: 10	00 (g/mL) <u>mL</u>	Lab File ID:	
% Moisture: NA	Decanted: (Y/N)	Date Received: 04/26/2007	
Extraction: (Type	e)	Date Extracted:	
Concentrated Extra	ct Volume:(uL)	Date Analyzed: 5/3/2007	
Injection Volume:	(uL)	Dilution Factor: 1	
GPC Cleanup: (Y	(/N) pH6	Sulfur Cleanup:	
CAS NO. CO	MPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Q	
12674-11-2 Aroc	clor-1016	1 U	
	clor-1221	1 0	
	clor-1232	1 U	
	:lor-1242	1 U	
	clor-1248	1 0	
	clor-1254	1 0	
	clor-1260	1 0	
	clor-1262	1 U	
	clor-1268	1 U	
	na-BHC	0.05 U	
	a - BHC	ט.05 ט	
319-86-8 delt	a-BHC	0.05 U	
58-89-9 gamm	na-BHC (Lindane)	0.05 U	
76-44-8 Hept	achlor	0.05 U	
309-00-2 Aldr	in	0.05 U	
1024-57-3 Hept	achlor epoxide	0.05 U	
959-98-8 Endo	sulfan I	0.05 U	
60-57-1 Diel	drin	0.0016 JP	
72-55-9 4,4'	-DDE	0.1 U	
72-20-8 Endr	in	. 0.1 U	
33213-65-9 Endo	sulfan II	0.1 U	
72-54-8 4,4	-DDD	0.1 U	
1031-07-8 Endo	sulfan sulfate	0.1 U	
50-29-3 4,4'	-DDT	0.1 U	
72-43-5 Meth	noxychlor	0.5 บ	
53494-70-5 Endr	in ketone	0.1 U	
	in aldehyde	0.1 U	
	alpha-Chlordane 0.05		
5103-74-2 gamm	na-Chlordane	0.05 U	

Form I Pest (e-form)

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

CAS NO.	COMPOU	ND		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Q
GPC Cleanup:	(Y/N)		pH <u>6</u>	Sulfur Cleanup:
Injection Vol	lume:	(uL)		Dilution Factor: 1
Concentrated	Extract Vo	lume:	(uL)	Date Analyzed: 5/3/2007
Extraction:	(Type)			Date Extracted:
% Moisture:	NA	Decanted:	(Y/N)	Date Received: 04/26/2007
Sample wt/vol	l: <u>1000</u>	(g/mL) mL	-	Lab File ID:
Matrix: (soi)	l/water)	WATER	_	Lab Sample ID: 7116028002
Lab Code:	DATAC	Case No.:	36335	SAS No.: SDG No.: H1PW2
Lab Name: _	DataChem L	aboratories,	Inc. Cont	H1PW5 (BGH-SW-20)

EPA SAMPLE NO.

			H1PX (BGH-SW	
-	DataChem Laboratories, Inc. Contr			
Lab Code:	DATAC Case No.: 36335	SAS No.:	SDG No.: _ H	11 PW2
Matrix: (soi	/water) <u>WATER</u>	Lab Sample ID:	71160280	103
Sample wt/vo	: 1000 (g/mL) <u>mL</u>	Lab File ID:		
% Moisture:	NA Decanted: (Y/N)	Date Received:	04/26/20	07
Extraction:	(Type)	Date Extracted	:	
Concentrated	Extract Volume: (uL)	Date Analyzed:	5/3/2007	
Injection Vol	.ume: (uL)	Dilution Factor	r: <u>1</u>	
GPC Cleanup:	(Y/N) pH6	Sulfur Cleanup	:	
CAS NO.	COMPOUND	CONCENTRATIO	N UNITS:	
		' (ug/L or ug/	Kg) <u>ug/L</u>	Q
12674-11-2	Aroclor-1016		1	Ū
11104-28-2	Aroclor-1221	i	1	υ
11141-16-5	Aroclor-1232		1	IJ
53469-21-9	Aroclor-1242		1	U
12672-29-6	Aroclor-1248	İ	1	Ū
11097-69-1	Aroclor-1254	-	1.	U
11096-82-5	Aroclor-1260		1	Ū
37324-23-5	Aroclor-1262		1	u –
11100-14-4	Aroclor-1268		1	
319-84-6	alpha-BHC		0.05	
319-85-7	beta-BHC		0.05	ŭ \dashv
319-86-8	delta-BHC		0.05	Ü
58-89-9	gamma-BHC (Lindane)		0.05	Ü
76-44-8	Heptachlor		0.05	U
309-00-2	Aldrin		0.05	- U
1024-57-3	Heptachlor epoxide		0.05	U
959-98-8	Endosulfan I		0.05	
60-57-1	Dieldrin		0.1	U
72-55-9	4.4'-DDE		0.1	U
72-20-8	Endrin		0.1	U
33213-65-9	Endosulfan II		0.1	U
72-54-8	4,4'-DDD		0.1	U
1031-07-8	Endosulfan sulfate		0.1	Ü
50-29-3	4.4'-DDT	- 	0.1	U
72-43-5	Methoxychlor.		0.5	U
53494-70-5	Endrin ketone		0.1	
7421-93-4	Endrin aldehyde		0.1	-
5103-71-9	alpha-Chlordane		0.05	Ū
5103-74-2	gamma-Chlordane		0.05	Ü
	1 3		3.00	

Form I Pest (e-form)

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChe	m Laboratories, Inc. Cont	ract: (BGH-SW-21)
Lab Code: DATAC	Case No.: 36335	SAS No.: SDG No.: H1PW2
Matrix: (soil/water)	WATER	Lab Sample ID: 7116028003
Sample wt/vol: 100)(g/mL)mL	Lab File ID:
% Moisture: NA	Decanted: (Y/N)	Date Received: 04/26/2007
Extraction: (Type)		Date Extracted:
Concentrated Extract	Volume: (uL)	Date Analyzed: 5/3/2007
Injection Volume:	(uL)	Dilution Factor: 1
GPC Cleanup: (Y/	N) pH6	Sulfur Cleanup:
CAS NO. COM	POUND	CONCENTRATION UNITS: (ug/L o vg/kg)ug/L O
8001-35-2 Toxar	hene	5 U

EPA SAMPLE NO.

Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PW2 Matrix: (soil/water) WATER Lab Sample ID: 7116028004 Sample wt/vol: 1000 (g/mL) mL Lab File ID: % Moisture: NA Decanted: (Y/N) Date Received: 04/26/2007 Extraction: (Type) Date Extracted: 5/3/2007 Concentrated Extract Volume: (uL) Date Analyzed: 5/3/2007 Injection Volume: (uL) Dilution Factor: 1 CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Q 12674-11-2 Aroclor-1016 1 U U 1 U U 1 U U 1104-28-2 Aroclor-1221 0 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1 U 1	Lab Name:	DataChem Laboratories, Inc. Contract	H1PX5 (BGH-SW-22)
Matrix: (soil/water) MATER Lab Sample ID: 7116028004	_		
Restraction: NA Decanted: (Y/N) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/3/2007 Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 6 Sulfur Cleanup: CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/L Q 12674-11-2 Aroclor-1016 1 U U 1 U U U 1104-28-2 Aroclor-1221 1 U U 1104-28-2 Aroclor-1222 1 U U 1104-28-2 Aroclor-1242 1 U U 12672-29-6 Aroclor-1242 1 U U 12672-29-6 Aroclor-1248 1 U U 12672-29-6 Aroclor-1260 1 U 120-1262 1<			
Extraction: (Type)	Sample wt/vol	.: 1000 (g/mL) mL	Lab File ID:
Date Analyzed: 5/3/2007 Injection Volume:	% Moisture:	NA Decanted: (Y/N)	Date Received: 04/26/2007
Table Tabl	Extraction:	(Type)	Date Extracted:
CAS NO. COMPOUND PH 6 Sulfur Cleanup:	Concentrated	Extract Volume: (uL)	Date Analyzed: 5/3/2007
CAS NO. COMPOUND COMPOUND CONCENTRATION UNITS: Ug/L or ug/Kg ug/L Q	Injection Vol	ume: (uL)	Dilution Factor: 1
	GPC Cleanup:	(Y/N) pH <u>6</u>	Sulfur Cleanup:
12674-11-2	CAS NO.	COMPOUND	CONCENTRATION UNITS:
11104-28-2			(ug/L or ug/Kg) <u>ug/L</u> Q
11141-16-5 Aroclor-1232 1 U 53469-21-9 Aroclor-1242 1 U 12672-29-6 Aroclor-1248 1 U 11097-69-1 Aroclor-1254 1 U 11096-82-5 Aroclor-1260 1 U 37324-23-5 Aroclor-1268 1 U 11100-14-4 Aroclor-1268 1 U 319-84-6 alpha-BHC 0.05 U 319-85-7 beta-BHC 0.05 U 319-86-8 delta-BHC 0.05 U 58-89-9 gamma-BHC (Lindane) 0.05 U 76-44-8 Heptachlor 0.05 U 309-00-2 Aldrin 0.05 U 1024-57-3 Heptachlor epoxide 0.05 U 959-98-8 Endosulfan I 0.05 U 60-57-1 Dieldrin 0.01 U 72-20-8 Endrin 0.1 U 33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDD 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U <	12674-11-2	Aroclor-1016	1 0
53469-21-9 Aroclor-1242 1 U 12672-29-6 Aroclor-1248 1 U 11097-69-1 Aroclor-1254 1 U 11096-82-5 Aroclor-1260 1 U 37324-23-5 Aroclor-1262 1 U 11100-14-4 Aroclor-1268 1 U 319-84-6 alpha-BHC 0.05 U 319-85-7 beta-BHC 0.05 U 319-86-8 delta-BHC 0.05 U 58-89-9 gamma-BHC (Lindane) 0.05 U 76-44-8 Heptachlor 0.05 U 309-00-2 Aldrin 0.05 U 1024-57-3 Heptachlor epoxide 0.05 U 959-98-8 Endosulfan I 0.05 U 959-98-8 Endosulfan I 0.001 U 72-55-9 4,4'-DDE 0.1 U 33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDT 0.1	11104-28-2	Aroclor-1221	1 0
53469-21-9 Aroclor-1242 1 U 12672-29-6 Aroclor-1248 1 U 11097-69-1 Aroclor-1254 1 U 11096-82-5 Aroclor-1260 1 U 37324-23-5 Aroclor-1262 1 U 11100-14-4 Aroclor-1268 1 U 319-84-6 alpha-BHC 0.05 U 319-85-7 beta-BHC 0.05 U 319-86-8 delta-BHC 0.05 U 58-89-9 gamma-BHC (Lindane) 0.05 U 76-44-8 Heptachlor 0.05 U 309-00-2 Aldrin 0.05 U 1024-57-3 Heptachlor epoxide 0.05 U 959-98-8 Endosulfan I 0.05 U 60-57-1 Dieldrin 0.00 U 72-55-9 4,4'-DDE 0.1 U 33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDT 0.1	11141-16-5	Aroclor-1232	1 U
12672-29-6 Aroclor-1248 1 U 11097-69-1 Aroclor-1254 1 U 11096-82-5 Aroclor-1260 1 U 37324-23-5 Aroclor-1262 1 U 319-84-6 alpha-BHC 0.05 U 319-85-7 beta-BHC 0.05 U 319-86-8 delta-BHC 0.05 U 76-44-8 Heptachlor 0.05 U 76-44-8 Heptachlor 0.05 U 1024-57-3 Heptachlor epoxide 0.05 U 959-98-8 Endosulfan I 0.05 U 60-57-1 Dieldrin 0.001 U 72-20-8 Endrin 0.1 U 33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDD 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5	53469-21-9	Aroclor-1242	
11097-69-1 Aroclor-1254 1 U 11096-82-5 Aroclor-1260 1 U 17324-23-5 Aroclor-1262 1 U 11100-14-4 Aroclor-1268 1 U 11100-14-4 Aroclor-1268 1 U 1198-85-7 beta-BHC 0.05 U 1319-86-8 delta-BHC 0.05 U 1319-86-8 delta-BHC 0.05 U 1319-86-8 delta-BHC 0.05 U 1309-00-2 Aldrin 0.05 U 1024-57-3 Heptachlor 0.05 U 1024-57-3 Heptachlor 0.05 U 1024-57-1 Dieldrin 0.05 U 10059-98-8 Endosulfan I 0.05 U 10059-98-8 Endosulfan I 0.05 U 10059-98-8 Endosulfan I 0.0019 JP 172-55-9 4,4'-DDE 0.1 U 172-08 Endrin 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 1031-07-8 Endosulfan ketone 0.1 U 1031-07-9 Endosulfan ketone 0.1 U 1031-07-9 Endrin aldehyde 0.1 U 1030-71-9 alpha-Chlordane 0.05 U 1005-07-07-07-07-07-07-07-07-07-07-07-07-07-	12672-29-6	Aroclor-1248	
11096-82-5 Aroclor-1260	11097-69-1	Aroclor-1254	
11100-14-4 Aroclor-1268 1 U 319-84-6 alpha-BHC 0.05 U 319-85-7 beta-BHC 0.05 U 319-86-8 delta-BHC 0.05 U 58-89-9 gamma-BHC (Lindane) 0.05 U 76-44-8 Heptachlor 0.05 U 309-00-2 Aldrin 0.05 U 1024-57-3 Heptachlor epoxide 0.05 U 959-98-8 Endosulfan I 0.05 U 60-57-1 Dieldrin 0.001 JP 72-55-9 4,4'-DDE 0.1 U 33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDD 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05<	11096-82-5	Aroclor-1260	
319-84-6 alpha-BHC	37324-23-5	Aroclor-1262	1 0
319-85-7 beta-BHC 0.05 U 319-86-8 delta-BHC 0.05 U 0.0019 JP 11100-14-4	Aroclor-1268	1 0	
19-86-8 delta-BHC 0.05 U 58-89-9 gamma-BHC (Lindane) 0.05 U 0.0019 JP 319-84-6	alpha-BHC	0.05 U	
58-89-9 gamma-BHC (Lindane) 0.05 U 76-44-8 Heptachlor 0.05 U 309-00-2 Aldrin 0.05 U 1024-57-3 Heptachlor epoxide 0.05 U 959-98-8 Endosulfan I 0.05 U 60-57-1 Dieldrin 0.0019 JP 72-55-9 4,4'-DDE 0.1 U 72-20-8 Endrin 0.1 U 33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDD 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	319-85-7	beta-BHC	
76-44-8 Heptachlor 0.05 U 309-00-2 Aldrin 0.05 U 1024-57-3 Heptachlor epoxide 0.05 U 959-98-8 Endosulfan I 0.05 U 60-57-1 Dieldrin 0.0019 JP 72-55-9 4,4'-DDE 0.1 U 72-20-8 Endrin 0.1 U 33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDD 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	319-86-8	delta-BHC	0.05 U
76-44-8 Heptachlor 0.05 U 309-00-2 Aldrin 0.05 U 1024-57-3 Heptachlor epoxide 0.05 U 959-98-8 Endosulfan I 0.05 U 60-57-1 Dieldrin 0.0019 JP 72-55-9 4,4'-DDE 0.1 U 72-20-8 Endrin 0.1 U 33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDD 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	58-89-9	gamma-BHC (Lindane)	0.05 U
1024-57-3 Heptachlor epoxide 0.05 U 959-98-8 Endosulfan I 0.05 U 60-57-1 Dieldrin 0.0019 JP 72-55-9 4,4'-DDE 0.1 U 72-20-8 Endrin 0.1 U 33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDD 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	76-44-8	<u> </u>	0.05 U
959-98-8 Endosulfan I 0.05 U 60-57-1 Dieldrin 0.0019 JP 72-55-9 4,4'-DDE 0.1 U 72-20-8 Endrin 0.1 U 33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDD 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	309-00-2	Aldrin	0.05 U
60-57-1 Dieldrin 0.0019 JP 72-55-9 4,4'-DDE 0.1 U 72-20-8 Endrin 0.1 U 33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDD 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	1024-57-3	Heptachlor epoxide	0.05 U
72-55-9 4,4'-DDE 0.1 U 72-20-8 Endrin 0.1 U 33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDD 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	959-98-8	Endosulfan I	0.05 U
72-20-8 Endrin 0.1 U 33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDD 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	60-57-1	Dieldrin	0.0019 JP
33213-65-9 Endosulfan II 0.0034 JP 72-54-8 4,4'-DDD 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	72-55-9	4,4'-DDE	0.1 U
72-54-8 4,4'-DDD 0.1 U 1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	72-20-8	Endrin	0.1 U
1031-07-8 Endosulfan sulfate 0.1 U 50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	33213-65-9	Endosulfan II	0.0034 JP
50-29-3 4,4'-DDT 0.1 U 72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	72-54-8	4,4'-DDD	0.1 U
72-43-5 Methoxychlor 0.5 U 53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	1031-07-8		0.1 U
53494-70-5 Endrin ketone 0.1 U 7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	50-29-3	4,4'-DDT	0.1 U
7421-93-4 Endrin aldehyde 0.1 U 5103-71-9 alpha-Chlordane 0.05 U	72-43-5	Methoxychlor	0.5 U
5103-71-9 alpha-Chlordane 0.05 U	53494-70-5	Endrin ketone	0.1 U
	7421-93-4	Endrin aldehyde	0.1 U
5103-74-2 gamma-Chlordane 0.05 U	5103-71-9	alpha-Chlordane	0.05 U
	5103-74-2	gamma-Chlordane	0.05 U

1E (e-form)
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem L	aboratories	, Inc.	Contract				.PX5 SW-22)
Lab Code:	DATAC	Case No.:	36335	SAS	No.:		SDG No.:	H1PW2
Matrix: (soi	l/water)	WATER	_		Lab	Sample ID	: 711602	28004
Sample wt/vo	1: 1000	(g/mL) mL	_		Lab	File ID:		
% Moisture:	NA	Decanted:	(Y/N)		Date	e Received	: 04/26/	2007
Extraction:	(Type)				Date	Extracted	d:	
Concentrated	Extract Vo	olume:	(uL)	Date	Analyzed	5/3/200	07
Injection Vo	lume:	(uL)	1		Dilu	tion Facto	or: 1	_
GPC Cleanup:	(Y/N)		pн _	6	Sulf	ur Cleanu	p:	_
CAS NO.	COMPOU	ND			_	ONCENTRATI ug/L or ug	ON UNITS: /Kg) ug/l	<u>.</u> 0
8001-35-2	Toxapher	ne						5 บ

EPA SAMPLE NO.

Lab Name:I	eataChem Laboratories, Inc. Cont	ract: (BGH-SW-23)
Lab Code:	ATAC Case No.: 36335	SAS No.: SDG No.: H1PW2
Matrix: (soil,	water) WATER	Lab Sample ID:7116028005
Sample wt/vol:	1000 (g/mL) mL	Lab File ID:
% Moisture:	NA Decanted: (Y/N)	Date Received: 04/26/2007
Extraction:	(Туре)	Date Extracted:
Concentrated E	extract Volume:(uL)	Date Analyzed: 5/3/2007
Injection Volu	me: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH6	Sulfur Cleanup:
1		
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/L Q
12674-11-2	Aroclor-1016	1 U
11104-28-2	Aroclor-1221	1 U
11141-16-5	Aroclor-1232	1 U
53469-21-9	Aroclor-1242	1 U
12672-29-6	Aroclor-1248	1 U
11097-69-1	Aroclor-1254	1 U
11096-82-5	Aroclor-1260	1 U
37324-23-5	Aroclor-1262	1 U
11100-14-4	Aroclor-1268	1 U
319-84-6	alpha-BHC	0.05 U
319-85-7	beta-BHC	0.05 U
319-86-8	delta-BHC	0.05 U
58-89-9	gamma-BHC (Lindane)	0.05 ช
76-44-8	Heptachlor	0.05 U
309-00-2	Aldrin	0.05 U
1024-57-3	Heptachlor epoxide	0.05 U
959-98-8	Endosulfan I	0.05 U
60-57-1	Dieldrin	0.1 U
72-55-9	4,4'-DDE	0.1 U
72-20-8	Endrin	0.1 U
33213-65-9	Endosulfan II	0.1 U
72-54-8	4,4'-DDD	0.1 U
1031-07-8	Endosulfan sulfate	0.1 U
50-29-3	4,4'-DDT	0.1 U
72-43-5	Methoxychlor	0.5 U
53494-70-5	Endrin ketone	0.1 U
7421-93-4	Endrin aldehyde	0.1 U
5103-71-9	alpha-Chlordane	0.05 U
5103-74-2	gamma-Chlordane	0.05 บ

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem Laboratories	. Inc. Contrac	H1PX6 (BGH-SW-23)
Lab Code: DA	ATAC Case No.:	36335 SAS	S No.: SDG No.: H1PW2
Matrix: (soil/w	water) WATER	_	Lab Sample ID: 7116028005
Sample wt/vol:	1000 (g/mL) mL	_	Lab File ID:
% Moisture: N	NA Decanted:	(Y/N)	Date Received: 04/26/2007
Extraction: ((Type)		Date Extracted:
Concentrated Ex	tract Volume:	(uL)	Date Analyzed: 5/3/2007
Injection Volum	ne:(uL)		Dilution Factor: 1
GPC Cleanup:	(Y/N)	pH <u>6</u>	Sulfur Cleanup:
CAS NO.	COMPOUND		CONCENTRATION UNITS:
			(ug/L or ug/Kg) ug/L Q
8001-35-2	Toxaphene		5 U

EPA SAMPLE NO.

H1YD5

Lab Name:	DataChem Laboratories	Inc.	Contract:	(BGH-SW	-24)
	DATAC Case No.:				11 PW2
Matrix: (soil	/water) WATER	_	Lab Sample	ID: 71220140	002
	: 1000 (g/mL) mL):	
	NA Decanted:	(Y/N)	Date Receiv	red: 05/01/20	107
Extraction:	(Type)		Date Extrac	:ted:	
	Extract Volume:		Date Analyz	ed: 5/10/2007	
Injection Volu	ume:(uL)		Dilution Fa	ctor: 1	-
GPC Cleanup:	(Y/N)	рн	6 Sulfur Clea	nup:	_
CAS NO.	COMPOUND		CONCENTRA	ATION UNITS:	
			(ug/L or	ug/Kg) ug/L	. 0
12674-11-2	Aroclor-1016			1	U
11104-28-2	Aroclor-1221		T T	1	U
11141-16-5	Aroclor-1232			1	Ū
53469-21-9	Aroclor-1242			1	Ū
12672-29-6	Aroclor-1248			1	ט
11097-69-1	Aroclor-1254			1	ับ
11096-82-5	Aroclor-1260			1	υ
37324-23-5	Aroclor-1262			1	U
11100-14-4	Aroclor-1268			1	U
319-84-6	alpha-BHC			0.0014	JP
319-85-7	beta-BHC			0.05	Ū
319-86-8	delta-BHC			0.05	U
58-89-9	gamma-BHC (Lindane)			0.05	U
76-44-8	Heptachlor			0.05	
309-00-2	Aldrin			0.05	-
1024-57-3	Heptachlor epoxide			0.05	U
959-98-8	Endosulfan I			0.05	ט
60-57-1	Dieldrin			0.1	
72-55-9	4,4'-DDE			0.1	
72-20-8	Endrin			0.1	
33213-65-9	Endosulfan II			0.0027	
72-54-8	4,4'-DDD			0.1	
1031-07-8	Endosulfan sulfate			0.1	
50-29-3	4,4'-DDT			0.1	
72-43-5	Methoxychlor	_		0.5	
53494-70-5	Endrin ketone			0.1	
7421-93-4	Endrin aldehyde			0.1	
5103-71-9	alpha-Chlordane			0.05	
5103-74-2	gamma-Chlordane			0.0021	JP

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: _	DataChem La	boratories,	Inc.	Contract	:	#1YD5 (BGH-SW-24)
Lab Code:	DATAC	Case No.:	36335	SAS	No.:	SDG No.: H1PW2
Matrix: (soil	/water)	WATER			Lab Sample ID	7122014002
Sample wt/vol	: 1000	(g/mL) mL			Lab File ID:	
% Moisture:	NA	Decanted:	(Y/N)		Date Received:	05/01/2007
Extraction:	(Type)				Date Extracted	1:
Concentrated	Extract Vol	ume:	(ul	L)	Date Analyzed:	5/10/2007
Injection Vol	ume:	(uL)			Dilution Facto	or: <u>1</u>
GPC Cleanup:	(Y/N)		pH	6	Sulfur Cleanup):
CAS NO.	COMPOUN	D			CONCENTRATIO	ON UNITS:
				_	(ug/L or ug/	/Kg) <u>ug/L</u> Q
8001-35-2	Toxaphene					5 U

Bushnell General Hospital Un-validated Data

(data was not validated as per EPA Project Manager's instructions)

Organic Results (VOC)

Soil Samples

1A (e-form)

EPA SAMPLE NO.

H1PT8

VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	ataChem Laboratories, Inc.	Contract:	(BGH-SB(2)-50)
	ATAC Case No.: 36335			1 PT8
	/water) SOIL		Sample ID: 7115022	
Sample wt/vol	: 5.91 (g/mL) g	Lab	File ID:	
Level: (low/m		Date	Received: 4/25/200	7
	ot dec. 6.0514	Date	Analyzed: 4/30/200	7
	ID: (mm)		tion Factor: 1	
	Volume:(uL)		Aliquot Volume:	
SOIT EXCIACE	vorume(db)	5011	mriquo: vorume.	(42)
CAS NO.	COMPOUND		ONCENTRATION UNITS:	
75-71-8	Dichlorodifluoromethane		4.5	U
74-87-3	Chloromethane		4.5	ับ
75-01-4	Vinyl chloride		4.9	5 U
74-83-9	Bromomethane		4.5	Ū
75-00-3	Chloroethane		4.5	
75-69-4	Trichlorofluoromethane		0.4:	IJ
75-35-4	1,1-Dichloroethene		4.5	5 U
76-13-1	1,1,2-Trichloro-1,2,2-trif	luoroethane	4.5	5 U
67-64-1	Acetone			U
75-15-0	Carbon disulfide		4.5	5 U
79-20-9	Methyl acetate		4.5	5 U
75-09-2	Methylene chloride		4.5	5 U
156-60-5	trans-1,2-Dichloroethene		4.!	บ
1634-04-4	Methyl tert-butyl ether		4.5	ט פ
75-34-3	1,1-Dichloroethane		4.9	5 U
156-59-2	cis-1,2-Dichloroethene		4.5	5 U
78-93-3	2-Butanone		9	U
74-97-5	Bromochloromethane		4.5	ว์ U
67-66-3	Chloroform		4.5	Ū
71-55-6	1,1,1-Trichloroethane		4.5	U
110-82-7	Cyclohexane		4.5	5 U
56-23-5	Carbon tetrachloride		4.5	
71-43-2	Benzene		4.5	Ū
107-06-2	1,2-Dichloroethane		4.5	U
123-91-1	1,4-Dioxane			U
79-01-6	Trichloroethene			U U
108-87-2	Methylcyclohexane			U
78-87-5	1,2-Dichloropropane		4.5	
75-27-4	Bromodichloromethane		4.5	
10061-01-5	cis-1,3-Dichloropropene		4.5	olu –

Form I VOA-1 (e-form)

OLM04.2

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1 PT8 (BGH-SB(2)-50) Lab Name: DataChem Laboratories, Inc. Contract: Case No.: 36335 Lab Code: DATAC SAS No.: SDG No.: H1PT8 Matrix: (soil/water) Lab Sample ID: 7115022001 Sample wt/vol: 5.91 (g/mL) g Lab File ID: Level: (low/med) LOW Date Received: 4/25/2007 % Moisture: not dec. 6.0514 Date Analyzed: 4/30/2007 GC Column: ID: (mm) Dilution Factor: 1 Soil Extract Volume: (uL) Soil Aliquot Volume: ____(uL) CAS NO. COMPOUND CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/kg

		(ug/L or ug/kg) ug/kg	
108-10-1	4~Methyl-2-Pentanone	9	U
108-88-3	Toluene	0.23	JВ
10061-02-6	trans-1,3-Dichloropropene	4.5	Ū
79-00-5	1,1,2-Trichloroethane	4.5	Ū
127-18-4	Tetrachloroethene	4.5	U
591-78-6	2-Hexanone	9	U
124-48-1	Dibromochloromethane	4.5	U
106-93-4	1,2-Dibromoethane	4.5	Ŭ
108-90-7	Chlorobenzene	4.5	Ü
100-41-4	Ethylbenzene	4.5	U
95-47-6	o-Xylene	4.5	Ū
179601-23-1	m,p-Xylene	4.5	U
100-42-5	Styrene	4.5	Ü
75-25-2	Bromoform	4.5	U
98-82-8	Isopropylbenzene	4.5	U
79-34-5	1,1,2,2-Tetrachloroethane	4.5	U
541-73-1	1,3-Dichlorobenzene	4.5	Ü
106-46-7	1,4-Dichlorobenzene	4.5	Ū
95-50-1	1,2-Dichlorobenzene	4.5	U
96-12-8	1,2-Dibromo-3-chloropropane	4.5	U
120-82-1	1,2,4-Trichlorobenzene	4.5	Ü
87-61-6	1,2,3-Trichlorobenzene	4.5	Ü

EPA SAMPLE NO.

Lab Name:	DataChem La	aboratories,	Inc.	Contract:	H1PW0 (BGH-SS(20)-	50)
Lab Code:	DATAC	Case No.:	36335	SAS No.:	SDG No.: H1PT	8
Matrix: (so	il/water)	SOIL	_	Lab Sample ID	: 7115022003	
Sample wt/v	ol: 4.82	(g/mL) g	_	Lab File ID:		
Level: (1ow	/med) LOW			Date Received	: 4 /25/2007	
% Moisture:	not dec.	3.6304		Date Analyzed	: 4/30/2007	_
GC Column:		ID:	_ (mm)	Dilution Fact	or: <u>1</u>	
Soil Extrac	t Volume:	(uL)	Soil Aliquot	Volume:	(uL)
CAS NO	COMPOU	NID.		CONCENTRATI	ON UNITS:	n

5.1.5	com comp	(ug/L or ug/Kg) ug/kg	•
75-71-8	Dichlorodifluoromethane	5.4	
74-87-3	Chloromethane	5.4	
75-01-4	Vinyl chloride	5.4	
74-83-9	Bromomethane	5.4	
75-00-3	Chloroethane	5.4	
75-69-4	Trichlorofluoromethane	5.4	
75-35-4	1.1-Dichloroethene	5.4	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.4	
67-64-1	Acetone	11	
75-15-0	Carbon disulfide	5.4	
79-20-9	Methyl acetate	5.4	
75-09-2		5.4	
	Methylene chloride	5.4	
156-60-5	trans-1,2-Dichloroethene	L	
1634-04-4	Methyl tert-butyl ether	5.4	
75-34-3	1,1-Dichloroethane	5.4	
156-59-2	cis-1,2-Dichloroethene	5.4	
78-93-3	2-Butanone	11	
74-97-5	Bromochloromethane	5.4	
67-66-3	Chloroform	5.4	
71-55-6	1,1,1-Trichloroethane	5.4	U
110-82-7	Cyclohexane	5.4	U
56-23-5	Carbon tetrachloride	5.4	U
71-43-2	Benzene	5.4	U
107-06-2	1,2-Dichloroethane	5.4	U
123-91-1	1,4-Dioxane	110	U
79-01-6	Trichloroethene	5.4	U
108-87-2	Methylcyclohexane	5.4	U
78-87-5	1.2-Dichloropropane	5.4	U
75-27-4	Bromodichloromethane	5.4	Ű
10061-01-5	cis-1,3-Dichloropropene	5.4	U

Form I VOA-7 (e-form)

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

	VOLITIES CIGILITES ILL	I DIDIO DILILI DIIDEI	
Lab Name: D	ataChem Laboratories, Inc.	Contract:	H1PW0 (BGH-SS(20)-50)
Lab Code: D	ATAC Case No.: 36335	SAS No.:	SDG No.: HlpT8
Matrix: (soil	/water) SOIL	Lab Sample ID	: 7115022003
Sample wt/vol	: 4.82 (g/mL) g	Lab File ID:	
	. ——		4.105.10007
Level: (low/m	ed) LOW	Date Received:	4/25/2007
% Moisture: n	ot dec. 3.6304	Date Analyzed:	4/30/2007
GC Column:	ID: (mm)	Dilution Facto	or: <u>1</u>
Soil Extract	Volume:(uL)	Soil Aliquot V	/olume:(uL)
CAS NO.	COMPOUND	CONCENTRATIO	
108-10-1	4-Methy1-2-Pentanone		11 U
108-88-3	Toluene		0.31 ЈВ
10061-02-6	trans-1,3-Dichloropropene		5.4 U
79-00-5	1,1,2-Trichloroethane		5.4 U
127-18-4	Tetrachloroethene		5.4 U
591-78-6	2-Hexanone		11 U
124-48-1	Dibromochloromethane		5. 4 U
106-93-4	1,2-Dibromoethane		5.4 U
108-90-7	Chlorobenzene		5.4 U
100-41-4	Ethylbenzene		5.4 U
95-47-6	o-Xylene		5.4 U
179601-23-1	m,p-Xylene		0.17 Ј
100-42-5	Styrene		5.4 U
75-25-2	Bromoform		5.4 U

Isopropylbenzene

1,3-Dichlorobenzene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

1,1,2,2-Tetrachloroethane

1,2-Dibromo-3-chloropropane

98-82-8

79-34-5

541-73-1

106-46-7

95-50-1

96-12-8

120-82-1

87-61-6

5.4 U

Lab Name: Da	ataChem Laboratories, Inc. Contract:	H1PW1 (BGH-SS(162)-50)
_	······································	
Lab Code: DA	ATAC Case No.: 36335 SAS No.:	SDG No.: H1PT8
Matrix: (soil	/water) SOIL Lab Samp	le ID: 7116026001
Sample wt/vol	: <u>5.45 (g/mL) g</u> Lab File	ID:
Level: (low/ma	ed) LOW Date Rec	eived: 4/26/2007
% Moisture: no	ot dec. 19.668 Date Ana	lyzed: 4/30/2007
GC Column:	ID: (mm) Dilution	Factor: 1
Soil Extract \	Volume: (uL) Soil Alic	quot Volume:(uL)
CAS NO.		TRATION UNITS: Q or ug/Kg) ug/kg
75-71-8	Dichlorodifluoromethane	5.7 U
74-87-3	Chloromethane	5.7 U
75-01-4	Vinyl chloride	5.7 U
74-83-9	Bromomethane	5.7 U
75-00-3	Chloroethane	5.7 U
75-69-4	Trichlorofluoromethane	5.7 U
75-35-4	1,1-Dichloroethene	5.7 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7 U
67-64-1	Acetone	11 U
75-15-0	Carbon disulfide	5.7 U
79-20-9	Methyl acetate	5.7 U
75-09-2	Methylene chloride	5.7 U
156-60-5	trans-1,2-Dichloroethene	5.7 U
1634-04-4	Methyl tert-butyl ether	5.7 U
75-34-3	1,1-Dichloroethane	5.7 U
156-59-2	cis-1,2-Dichloroethene	5.7 U

EPA SAMPLE NO.

1A (e-form)
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: D	ataChem Laboratories, Inc.	H1PW1 (BGH-SS(162)-50)
_	ATAC Case No.: 36335	
Lab Code: D	ATAC Case No.: 36333	SAS NO.: SDG NO.: HIF16
Matrix: (soil	/water) SOIL	Lab Sample ID: 7116026001
Sample wt/vol	: 5.45 (g/mL) g	Lab File ID:
Level: (low/m	med) LOW	Date Received: 4/26/2007
% Moisture: n	ot dec. 19.668	Date Analyzed: 4/30/2007
GC Column: _	ID: (mm)	Dilution Factor: 1
Soil Extract	Volume:(uL)	Soil Aliquot Volume:(uL
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q
CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/kg
	· · · · · · · · · · · · · · · · · · ·	
108-10-1	4-Methyl-2-Pentanone	11 U
108-88-3	Toluene	0.27 JB
10061-02-6	trans-1,3-Dichloropropene	5.7 U
79-00-5	1,1,2-Trichloroethane	5.7 U
127-18-4	Tetrachloroethene	5.7 U
591-78-6	2-Hexanone	11 ບ
124-48-1	Dibromochloromethane	5.7 U
106-93-4	1,2-Dibromoethane	5.7 U
108-90-7	Chlorobenzene	5.7 U
100-41-4	Ethylbenzene	5.7 U
95-47-6	o-Xylene	5.7 U
179601-23-1	m,p-Xylene	5.7 U
100-42-5	Styrene	5.7 U
75-25-2	Bromoform	5.7 U
98-82-8	Isopropylbenzene	5.7 U
79-34-5	1,1,2,2-Tetrachloroethane	5.7 U
541-73-1	1.3-Dichlorobenzene	5.7 U
106-46-7	1,4-Dichlorobenzene	5.7 U
95-50-1	1,2-Dichlorobenzene	5.7 U
96-12-8	1,2-Dibromo-3-chloropropane	5.7 U
120-82-1	1,2,4-Trichlorobenzene	5.7 U
87-61-6	1,2,3-Trichlorobenzene	5.7 U

78-93-3

74-97-5

67-66-3

71-55-6

110-82-7

56-23-5

71-43-2

107-06-2

123-91-1

79-01-6

108-87-2 78-87-5

75-27-4

10061-01-5

2-Butanone

Chloroform

Cyclohexane

1,4-Dioxane

Trichloroethene

Benzene

Bromochloromethane

1,1,1-Trichloroethane

Carbon tetrachloride

1,2-Dichloroethane

Methylcyclohexane

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

11 U

5.7 U

110 U

5.7 U

5.7 U

5.7 U

5.7 U

5.7 U

EPA SAMPLE NO.

Lab Name:	DataChem L	aboratories,	Inc.	Contract: _		H1PW (BGH-SB(2	
Lab Code:	DATAC	Case No.:	36335	SAS No.:		SDG No.: H	1PT8
Matrix: (so	il/water)	SOIL	_	Lab	Sample ID:	7116026	003
Sample wt/v	ol: <u>4.9</u>	(g/mL) <u>g</u>	_	Lab	File ID:		
Level: (low	/med) LOW			Date	Received:	4/26/200	7
% Moisture:	not dec.	13.158		Date	Analyzed:	4/30/200	7
GC Column:		ID:	(mm)	Dilu	tion Facto	r: <u>1</u>	_
Soil Extrac	t Volume:		(uL)	Soil	Aliquot V	olume:	(uL)
CAS NO.	COMPOU	JND			ONCENTRATIO		Q
75-71-8	Dichloro	difluorometh	ane	T		5.9	U
74-87-3	Chlorome	thane				5.9	Ü

75-71-8	Dichlorodifluoromethane		
		5.9	
74-87-3	Chloromethane	5.9	
75-01-4	Vinyl chloride	5.9	
74-83-9	Bromomethane	5.9	_
75-00-3	Chloroethane	5.9	Ü
75-69-4	Trichlorofluoromethane	0.45	J
75-35-4	1,1-Dichloroethene	5.9	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U
67-64-1	Acetone	12	Ü
75-15-0	Carbon disulfide	5.9	U
79-20-9	Methyl acetate	5.9	U
75-09-2	Methylene chloride	5.9	U
156-60-5	trans-1,2-Dichloroethene	5.9	U
1634-04-4	Methyl tert-butyl ether	5.9	Ū
75-34-3	1,1-Dichloroethane	5.9	U
156-59-2	cis-1,2-Dichloroethene	5.9	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	5.9	บ
67-66-3	Chloroform	5.9	U
71-55-6	1,1,1-Trichloroethane	5.9	U
110-82-7	Cyclohexane	5.9	บ
56-23-5	Carbon tetrachloride	5.9	U
71-43-2	Benzene	5.9	U
107-06-2	1,2-Dichloroethane	5.9	U
123-91-1	1.4-Dioxane	120	U
79-01-6	Trichloroethene	5.9	U
108-87-2	Methylcyclohexane	5.9	U
78-87-5	1,2-Dichloropropane	5.9	U
75-27-4	Bromodichloromethane	5.9	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U

Form I VOA-19 (e-form)

5.9 U OLM04.2

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

rah Mana B		.	T	C-stragt.		H1PW4 (BGH-SB(2	
Lab Name: Da						L	
Lab Code: <u>Di</u>	ATAC	Case No.:	36335	SAS No	o.:	SDG No.: H1	PT8
Matrix: (soil	/water)	SOIL	_	L	ab Sample ID:	71160260	03
Sample wt/vol	: 4.9	(g/mL) g	_	ь	ab File ID:		
Level: (low/m	ed) LOW			D	ate Received:	4/26/2007	
% Moisture: n	ot dec.	13.158		D	ate Analyzed:	4/30/2007	
GC Column:		ID:	(mm)	D	ilution Facto	or: <u>1</u>	
Soil Extract '	Volume:	(ւլ)	S	oil Aliquot V	/olume:	(uL)
CAS NO.	COMPOU	1 D			CONCENTRATIO	ON UNITS:	Q
					(ug/L or ug/	/Kg) ug/kg	
108-10-1	4-Methyl-	2-Pentanone			Ţ	12	U
108-88-3	Toluene					5.9	υ
10061-02-6	trans-1,3	-Dichloropr	opene			5.9	U
79-00-5	1,1,2-Tri	chloroethan	9			5.9	Ū
127-18-4	Tetrachlo	roethene				5.9	Ū
591-78-6	2-Hexanon	e				12	Ü
124-48-1	Dibromoch	loromethane				5.9	U
106-93-4	1,2-Dibro	moethane	-			5.9	U
108-90-7	Chloroben	zene			1	5.9	Ü
100-41-4	Ethylbenz	ene				5.9	U
95-47-6	o-Xylene					5.9	U
179601-23-1	m,p-Xylen	e				5.9	U
100-42-5	Styrene					5.9	U
75-25-2	Bromoform				·	5.9	Ū
98-82-8	Isopropyl	benzene				5.9	U
79-34-5	1.1,2,2-T	etrachloroe	hane			5.9	U
541-73-1	1,3-Dichl	orobenzene			1	5.9	U
106-46-7	1,4-Dichl	orobenzene				5.9	U
95-50-1	1,2-Dichl	orobenzene				5.9	U
96-12-8	1,2-Dibro	mo-3-chloro	propane			5.9	U
120-82-1	1,2,4-Tri	chlorobenze	ie			5.9	U
07 61 6	11 2 2 m-4	-h1	-		 	E 0	

EPA SAMPLE NO.

Lab Name:	DataChem La	boratories,	Inc. Con	tract:	H1PW7 (BGH-SB(2)-75)
Lab Code:	DATAC	Case No.:	36335	SAS No.:	SDG No.: H1PT8
Matrix: (soi	1/water)	SOIL	-	Lab Sample :	ID: 7116026005
Sample wt/vo	ol: <u>4.87</u>	(g/mL) <u>g</u>	_	Lab File ID	:
Level: (low/	med) LOW			Date Receive	ed: 4/26/2007
% Moisture:	not dec.	16.398		Date Analyze	ed: 4/30/2007
GC Column:		ID:	(mm)	Dilution Fac	ctor: 1
Soil Extract	Volume:	(1	тг)	Soil Aliquot	Volume:(uL)
CAS NO.	COMPOU	ND			TION UNITS: Q
75-71-8	Dichlorod	ifluorometh	ane		6.1 U
74-87-3	Chloromet	hane			6 1 11

75-71-8	Dichlorodifluoromethane	6.1	U
74-87-3	Chloromethane	6.1	ט
75-01-4	Vinyl chloride	6.1	U
74-83-9	Bromomethane	6.1	บ
75-00-3	Chloroethane	6.1	υ
75-69-4	Trichlorofluoromethane	0.92	J
75-35-4	1,1-Dichloroethene	6.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	Ŭ
67-64-1	Acetone	12	Ü
75-15-0	Carbon disulfide	6.1	U
79-20-9	Methyl acetate	6.1	U
75-09-2	Methylene chloride	0.43	JВ
156-60-5	trans-1,2-Dichloroethene	6.1	υ
1634-04-4	Methyl tert-butyl ether	6.1	Ü
75-34-3	1,1-Dichloroethane	6.1	U
156-59-2	cis-1,2-Dichloroethene	6.1	Ū
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.1	ŭ
67-66-3	Chloroform	6.1	U
71-55-6	1,1,1-Trichloroethane	6.1	U
110-82-7	Cyclohexane	6.1	U
56-23-5	Carbon tetrachloride	6.1	U
71-43-2	Benzene	6.1	U
107-06-2	1,2-Dichloroethane	6.1	U
123-91-1	1,4-Dioxane	· 120	U
79-01-6	Trichloroethene	6.1	-
108-87-2	Methylcyclohexane	6.1	U
78-87-5	1,2-Dichloropropane	6.1	U
75-27-4	Bromodichloromethane	6.1	U
10061-01-5	cis-1,3-Dichloropropene	6.1	U

Form I VOA-37 (e-form)

OLM04.2

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem La	boratories,	Inc.	Contract:	H1PW7 (BGH-SB(2)-75)
Lab Code:	DATAC	Case No.:	36335	SAS No.:	SDG No.: H1PT8
Matrix: (so	il/water)	SOIL	_	Lab Samp	le ID: 7116026005
Sample wt/v	ol: 4.87	(g/mL) g	_	Lab File	ID:
Level: (low	/med) LOW			Date Rec	eived: 4/26/2007
% Moisture:	not dec.	16.398		Date Ana	lyzed: 4/30/2007
GC Column:		ID:	(mm)	Dilution	Factor: 1
Soil Extrac	t Volume:	(1	ıL)	Soil Alie	quot Volume: (uL)
CAS NO.	Compou	ND			TRATION UNITS: Q or ug/kg <u>ug/kg</u>

			•
108-10-1	4-Methyl-2-Pentanone	12	U
108-88-3	Toluene	0.29	JВ
10061-02-6	trans-1,3-Dichloropropene	6.1	U
79-00-5	1,1,2-Trichloroethane	6.1	U
127-18-4	Tetrachloroethene	6,1	U
591-78-6	2-Hexanone	12	U
124-48-1	Dibromochloromethane	6.1	U
106-93-4	1,2-Dibromoethane	6.1	U
108-90-7	Chlorobenzene	6.1	U
100-41-4	Ethylbenzene	6.1	U
95-47-6	o-Xylene	6.1	U
179601-23-1	m,p-Xylene	6.1	U
100-42-5	Styrene	6.1	U
75-25-2	Bromoform	6.1	U
98-82-8	Isopropylbenzene	6.1	U
79-34-5	1,1,2,2-Tetrachloroethane	6.1	υ
541-73-1	1,3-Dichlorobenzene	6.1	U
106-46-7	1,4-Dichlorobenzene	6.1	ប
95-50-1	1,2-Dichlorobenzene	6.1	U
96-12-8	1,2-Dibromo-3-chloropropane	6.1	U
120-82-1	1,2,4-Trichlorobenzene	6.1	U
87-61-6	1,2,3-Trichlorobenzene	6.1	Ŭ

EPA SAMPLE NO.

	VC	DATIBE ORGA	MICS MAND	ISIS DATA SHEET	
ab Name: <u>D</u>	DataChem La	boratories,	Inc. Co	ontract:	H1PW9 (BGH-SB(2)-74)
ab Code: _	DATAC	Case No.:	36335	SAS No.:	SDG No.: H1PT8
Matrix; (soil	l/water)	SOIL		Lab Sample II	D: 7116026007
Sample wt/vol	l: <u>4.71</u>	(g/mL) g	_	Lab File ID:	
evel: (low/m	ned) LOW	<u> </u>		Date Received	1: 4/26/2007
Moisture: r	not dec.	7.9561		Date Analyzed	1: 4/30/2007
C Column: _		ID:	(mm)	Dilution Fact	or: 1
Soil Extract	Volume:	((ıΓ')	Soil Aliquot	Volume:(uL)
		•			
CAS NO.	COMPOUN	ID		CONCENTRAT	ION UNITS: O

CAD NO.	COMPONE	CONCENTION ONLID.	V
		(ug/L or ug/Kg) ug/kg	_
75-71-8	Dichlorodifluoromethane	5.8	U
74-87-3	Chloromethane	5.8	U
75-01-4	Vinyl chloride	5.8	U
74-83-9	Bromomethane	5.8	υ
75-00-3	Chloroethane	5.8	U
75-69-4	Trichlorofluoromethane	0.83	J
75-35-4	1,1-Dichloroethene	5.8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.8	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	5.8	U
79-20-9	Methyl acetate	5.8	υ
75-09-2	Methylene chloride	0.75	JB
156-60-5	trans-1,2-Dichloroethene	5.8	U
1634-04-4	Methyl tert-butyl ether	5.8	U
75-34-3	1,1-Dichloroethane	5.8	Ü
156-59-2	cis-1,2-Dichloroethene	5.8	υ
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	5.8	U
67-66-3	Chloroform	5.8	υ
71-55-6	1,1,1-Trichloroethane	5.8	U
110-82-7	Cyclohexane	5.8	Ü
56-23-5	Carbon tetrachloride	5.8	U
71-43-2	Benzene	5.8	U
107-06-2	1,2-Dichloroethane	5.8	U
123-91-1	1,4-Dioxane	120	U
79-01-6	Trichloroethene	5.8	U
108-87-2	Methylcyclohexane	5.8	บ
78-87-5	1,2-Dichloropropane	5.8	U
75-27-4	Bromodichloromethane	5.8	
10061-01-5	cis-1,3-Dichloropropene	5.8	U

Form I VOA-43 (e-form) .

OLM04.2

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem Laboratories, Inc.	Contract: (BGH-SB(2)-74))
-	DATAC Case No.: 36335	· · · · · · · · · · · · · · · · · · ·	_
-		Lab Sample ID: 7116026007	_
Macrix: (soi	1/water) SOIL	Lab Sample 10: /116026007	
Sample wt/vo	1: <u>4.71</u> (g/mL) <u>g</u>	Lab File ID:	_
Level: (low/	med) LOW	Date Received: 4/26/2007	
% Moisture:	not dec. 7.9561	Date Analyzed: 4/30/2007	
GC Column:	ID: (mm)	Dilution Factor: 1	
Soil Extract	Volume: (uL)	Soil Aliquot Volume: {u	ıL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: O	
CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/kg	
108-10-1	4-Methyl-2-Pentanone	12 U	
108-88-3	Toluene	0.25 JB	
10061-02-6	trans-1,3-Dichloropropene	5.8 U	
79-00-5	1,1,2-Trichloroethane	5.8 U	
127-18-4	Tetrachloroethene	5.8 U	
591-78-6	2-Hexanone	12 U	
124-48-1	Dibromochloromethane	5.8 U	
106-93-4	1,2-Dibromoethane	5.8 U	_
108-90-7	Chlorobenzene	5.8 U	Т
100-41-4	Ethylbenzene	5.8 U	
95-47-6	o-Xylene	5.8 U	Т
179601-23-1	m,p-Xylene	5.8 U	_
100-42-5	Styrene	5.8 U	_
75-25-2	Bromoform	5.8 U	
98-82-8	Isopropylbenzene	5,8 U	_
79-34-5	1,1,2,2-Tetrachloroethane	5.8 U	_
541-73-1	1,3-Dichlorobenzene	5.8 U	_
106-46-7	1,4-Dichlorobenzene	5.8 U	_
95-50-1	1.2-Dichlorobenzene	5,8 U	_
96-12-8	1,2-Dibromo-3-chloropropane	5.8 U	_
120-82-1	1,2,4-Trichlorobenzene	5.8 U	_
87-61-6	1,2,3-Trichlorobenzene	5.8 U	_

lA (e-form)

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET							
Lab Name: D	DataChem La	boratories,	Inc.	Contract:		H1PX (BGH-SB(2	
Lab Code: D	DATAC	Case No.:	36335	SAS	No.:	SDG No.: H	1PT8
Matrix: (soil	l/water)	SOIL	_		Lab Sample ID:	7116026	009
Sample wt/voi	: 4.96	(g/mL) g	_		Lab File ID:		
Level: (low/m	ned) LOW				Date Received:	4/26/2007	<u>, </u>
% Moisture: n	ot dec.	7.483			Date Analyzed:	4/30/2007	<u></u>
GC Column: _		ID:	(mm)		Dilution Facto	r: <u>l</u>	_
Soil Extract	Volume:	(u	ıL)		Soil Aliquot V	olume:	(uL)
CAS NO.	,			·	CONCENTRATIO		Q
75-71-8	Dichlorod	<u>iflu</u> orometha	ne			5.4	ט
74-87-3	Chloromet	hane				5.4	U
75-01-4	Vinyl chl	oride				5.4	U
74-83-9	Bromometh	ane				5.4	U
75-00-3	Chloroeth	ane				5.4	U
75-69-4	Trichloro	fluoromethan	.e			0.52	J
75-35-4	1,1-Dichl	oroethene				5.4	U
76-13-1	1,1,2-Tri	chloro-1,2,2	-triflu	oroethane		5.4	Ŭ
67-64-1	Acetone					11	U
75-15-0	Carbon di	sulfide				5.4	U
79-20-9	Methyl ac	etate			<u> </u>	5.4	U
75-09-2	Methylene	chloride				5.4	U
156-60-5	trans-1,2	-Dichloroeth	ene		 	5.4	U
1634-04-4	Methyl te	rt-butyl eth	er			5.4	Ū
75-34-3	1,1-Dichl	oroethane				5.4	U

Form I VOA-49 (e-form)

156-59-2

78-93-3

74-97-5

67-66-3

71-55-6

110-82-7

56-23-5

71-43-2

107-06-2

123-91-1

79-01-6

108-87-2

78-87-5

75-27-4

10061-01-5

cis-1,2-Dichloroethene

1,1,1-Trichloroethane

Carbon tetrachloride

1,2-Dichloroethane

Trichloroethene

Methylcyclohexane

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

Bromochloromethane

2-Butanone

Chloroform

Cyclohexane

1,4-Dioxane

Benzene

OLM04.2

5.4 U

11 U

5.4 U

110 U

5.4 U

5.4 U

5.4 U

5.4 U

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem Laboratories, Inc. Cor	ntract:	H1PX1 (BGH-SB(2)-56)
Lab Code:	DATAC Case No.: 36335	SAS No.:	SDG No.: H1PT8
Matrix: (soi	l/water) SOIL	Lab Sample ID:	7116026009
Sample wt/vo	1: 4.96 (g/mL) g	Lab File ID:	
Level: (low/	med) LOW	Date Received:	4/26/2007
% Moisture:	not dec. 7.483	Date Analyzed:	4/30/2007
GC Column: _	ID: (mm)	Dilution Facto	r: <u>1</u>
Soil Extract	Volume: (uL)	Soil Aliquot V	olume:(uL)
CAS NO.	COMPOUND	CONCENTRATIO	
108-10-1	4-Methy1-2-Pentanone		11 U
108-88-3	Toluene		0.29 JB
10061-02-6	trans-1,3-Dichloropropene		5.4 U
79-00-5	1,1,2-Trichloroethane		5.4 U
127-18-4	Tetrachloroethene		5.4 U
591-78-6	2-Hexanone		11 U
124-48-1	Dibromochloromethane		5.4 U
106-93-4	1,2-Dibromoethane		5.4 U
108-90-7	Chlorobenzene		5.4 U
100-41-4	Ethylbenzene		5.4 U
95-47-6	o-Xylene		5.4 U
179601-23-1	m,p-Xylene		5.4 U
100-42-5	Styrene		5.4 U
75-25-2	Bromoform		5.4 U
98-82-8	Isopropylbenzene		5.4 U
79-34-5	1,1,2,2-Tetrachloroethane		5.4 U
541-73-1	1,3-Dichlorobenzene		5.4 U
106-46-7	1,4-Dichlorobenzene		5.4 U
95-50-1	1,2-Dichlorobenzene		5.4 U
96-12-8	1,2-Dibromo-3-chloropropane		5.4 U
120-82-1	1,2,4-Trichlorobenzene		5.4 U
87-61-6	1,2,3-Trichlorobenzene		5.4 U

EPA SAMPLE NO.

Lab Name: <u>I</u>	DataChem Lal	boratories,	Inc. Cont	ract:	H1PX4 (BGH-SB(2)-60)
Lab Code: _I	DATAC	Case No.:	36335	SAS No.:	SDG No.: H1PT8
Matrix: (soi	l/water)	SOIL	_	Lab Sample ID	: 7116026011
Sample wt/vo	1: 4.67	(g/mL) <u>g</u>	_	Lab File ID:	
Level: (low/	med) LOW	_		Date Received	: 4/26/2007
% Moisture:	not dec.	11.307		Date Analyzed	4/30/2007
GC Column:		ID:	(mm)	Dilution Facto	or: <u>1</u>
Soil Extract	Volume:	(v	ıL)	Soil Aliquot	/olume:(uL)
CAS NO.	COMPOUN	I D		CONCENTRATI	-
75-71-8	Dichlorod	ifluorometha	ine		6 U
74-87-3	Chloromet	hane			6 U
	17.1				

74-87-3 Chloromethane 6 U 75-01-4 Vinyl chloride 6 U 74-83-9 Bromomethane 6 U 75-00-3 Chloroethane 6 U 75-69-4 Trichlorofluoromethane 0.69 J 75-35-4 1,1-Dichloroethene 6 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 6 U 67-64-1 Acetone 12 U 75-15-0 Carbon disulfide 6 U 75-15-0 Carbon disulfide 6 U 75-20-9 Methyl acetate 6 U 75-09-2 Methyl acetate 6 U 75-09-2 Methyl enchloride 0.6 JB 156-60-5 trans-1,2-Dichloroethene 6 U 1634-04-4 Methyl tert-butyl ether 6 U 75-34-3 1,1-Dichloroethane 6 U 76-9-3 2, Butanone 12 U 76-9-9-5 <td< th=""><th></th><th></th><th></th><th></th></td<>				
75-01-4 Vinyl chloride 6 U 74-83-9 Bromomethane 6 U 75-00-3 Chloroethane 6 U 75-69-4 Trichlorofluoromethane 0.69 J 75-35-4 1,1-Dichloroethene 6 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 6 U 67-64-1 Acetone 12 U 75-15-0 Carbon disulfide 6 U 75-15-0 Carbon disulfide 6 U 775-09-2 Methyl acetate 6 U 775-09-2 Methylen chloride 0.6 JB 156-60-5 trans-1,2-Dichloroethene 6 U 1634-04-4 Methyl tert-butyl ether 6 U 75-34-3 1,1-Dichloroethane 6 U 156-59-2 cis-1,2-Dichloroethane 6 U 78-93-3 2-Butanone 6 U 77-95-5 Bromochloromethane 6 U 67-66-3 <td>75-71-8</td> <td>Dichlorodifluoromethane</td> <td>6</td> <td>ט</td>	75-71-8	Dichlorodifluoromethane	6	ט
74-83-9 Bromomethane 6 U 75-00-3 Chloroethane 6 U 75-69-4 Trichlorofluoromethane 0.69 J 75-35-4 1,1-Dichloroethene 6 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 6 U 67-64-1 Acetone 12 U 75-15-0 Carbon disulfide 6 U 79-20-9 Methyl acetate 6 U 75-09-2 Methylene chloride 0.6 JB 156-60-5 trans-1,2-Dichloroethene 6 U 1634-04-4 Methyl tert-butyl ether 6 U 75-34-3 1,1-Dichloroethane 6 U 78-93-3 2-Butanone 12 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 77-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5	74-87-3	Chloromethane	6	U
75-00-3 Chloroethane 6 U 75-69-4 Trichlorofluoromethane 0.69 J 75-35-4 1,1-Dichloroethene 6 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 6 U 67-64-1 Acetone 12 U 75-15-0 Carbon disulfide 6 U 79-20-9 Methyl acetate 6 U 75-09-2 Methylene chloride 0.6 JB 156-60-5 trans-1,2-Dichloroethene 6 U 1634-04-0 Methyl tert-butyl ether 6 U 75-34-3 1,1-Dichloroethane 6 U 156-59-2 cis-1,2-Dichloroethane 6 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 </td <td>75-01-4</td> <td>Vinyl chloride</td> <td>6</td> <td>U</td>	75-01-4	Vinyl chloride	6	U
75-69-4 Trichlorofluoromethane 0.69 J 75-35-4 1,1-Dichloroethene 6 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 6 U 67-64-1 Acetone 12 U 75-15-0 Carbon disulfide 6 U 79-20-9 Methyl acetate 6 U 75-09-2 Methylene chloride 0.6 JB 156-60-5 trans-1,2-Dichloroethene 6 U 1634-04-4 Methyl tert-butyl ether 6 U 75-34-3 1,1-Dichloroethane 6 U 156-59-2 cis-1,2-Dichloroethene 6 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethene 6 U 108-87-2 Methylcyclohexane 6 U <	74-83-9	Bromomethane	- 6	U
75-35-4 1,1-Dichloroethene 6 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 6 U 67-64-1 Acetone 12 U 75-15-0 Carbon disulfide 6 U 75-15-0 Methyl acetate 6 U 75-09-2 Methyl acetate 6 U 75-09-2 Methylene chloride 0.6 JB 156-60-5 trans-1,2-Dichloroethene 6 U 1634-04-4 Methyl tert-butyl ether 6 U 75-34-3 1,1-Dichloroethane 6 U 75-34-3 1,1-Dichloroethene 6 U 78-93-3 2-Butanone 12 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 71-55-6 1,1,1-Trichloroethane 6 U 71-66-3 Chloroform 6 U 71-68-7 Cyclohexane 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethene <t< td=""><td>75-00-3</td><td>Chloroethane</td><td>6</td><td>U</td></t<>	75-00-3	Chloroethane	6	U
76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 6 U 67-64-1 Acetone 12 U 75-15-0 Carbon disulfide 6 U 79-20-9 Methyl acetate 6 U 75-09-2 Methylene chloride 0.6 JB 156-60-5 trans-1,2-Dichloroethene 6 U 1634-04-4 Methyl tert-butyl ether 6 U 75-34-3 1,1-Dichloroethane 6 U 156-59-2 cis-1,2-Dichloroethene 6 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 120 U 108-87-2 Methylcyclohexane 6 U 108-87-5 Methylcyclohexane 6 U 108-87-5 1,2-Dichloropropane 6 U	75-69-4	Trichlorofluoromethane	0.69	J
67-64-1 Acetone 12 U 75-15-0 Carbon disulfide 6 U 79-20-9 Methyl acetate 6 U 75-09-2 Methylene chloride 0.6 JB 156-60-5 trans-1,2-Dichloroethene 6 U 1634-04-4 Methyl tert-butyl ether 6 U 75-34-3 1,1-Dichloroethane 6 U 156-59-2 cis-1,2-Dichloroethane 6 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 108-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	75-35-4	1,1-Dichloroethene	6	ט
75-15-0 Carbon disulfide 6 U 79-20-9 Methyl acetate 6 U 75-09-2 Methylene chloride 0.6 JB 156-60-5 trans-1,2-Dichloroethene 6 U 1634-04-4 Methyl tert-butyl ether 6 U 75-34-3 1,1-Dichloroethane 6 U 156-59-2 cis-1,2-Dichloroethene 6 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 108-87-1 Methylcyclohexane 6 U 108-87-2 Methylcyclohexane 6 U 108-87-5 1	76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6	Ū
79-20-9 Methyl acetate 6 U 75-09-2 Methylene chloride 0.6 JB 156-60-5 trans-1,2-Dichloroethene 6 U 1634-04-4 Methyl tert-butyl ether 6 U 75-34-3 1,1-Dichloroethane 6 U 156-59-2 cis-1,2-Dichloroethene 6 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 108-87-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	67-64-1	Acetone	12	U
75-09-2 Methylene chloride 0.6 JB 156-60-5 trans-1.2-Dichloroethene 6 U 1634-04-4 Methyl tert-butyl ether 6 U 75-34-3 1,1-Dichloroethane 6 U 156-59-2 cis-1,2-Dichloroethene 6 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 107-06-2 1,2-Dichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 108-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	75-15-0	Carbon disulfide	6	υ
156-60-5 trans-1,2-Dichloroethene 6 U 1634-04-4 Methyl tert-butyl ether 6 U 75-34-3 1,1-Dichloroethane 6 U 156-59-2 cis-1,2-Dichloroethene 6 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	79-20-9	Methyl acetate	6	U
1634-04-4 Methyl tert-butyl ether 6 U 75-34-3 1,1-Dichloroethane 6 U 156-59-2 cis-1,2-Dichloroethene 6 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	75-09-2	Methylene chloride	0.6	JВ
75-34-3 1,1-Dichloroethane 6 U 156-59-2 cis-1,2-Dichloroethene 6 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	156-60-5	trans-1,2-Dichloroethene	6	Ū
156-59-2 cis-1,2-Dichloroethene 6 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	1634-04-4	Methyl tert-butyl ether	6	บ_
78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 6 U 67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	75-34-3	1,1-Dichloroethane	6	Ü
74-97-5 Bromochloromethane 6 U 67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	156-59-2	cis-1,2-Dichloroethene	6	U
67-66-3 Chloroform 6 U 71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	78-93-3	2-Butanone	12	U
71-55-6 1,1,1-Trichloroethane 6 U 110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	74-97-5	Bromochloromethane	6	U
110-82-7 Cyclohexane 6 U 56-23-5 Carbon tetrachloride 6 U 71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	67-66-3	Chloroform	6	U
Section Sect	71-55-6	1,1,1-Trichloroethane	6	บ
71-43-2 Benzene 6 U 107-06-2 1,2-Dichloroethane 6 U 123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	110-82-7	Cyclohexane	6	U
107-06-2 1,2-Dichloroethane 6 U 123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	56-23-5	Carbon tetrachloride	6	υ
123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	71-43-2	Benzene	6	U
79-01-6 Trichloroethene 6 U 108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	107-06-2	1,2-Dichloroethane	6	U
108-87-2 Methylcyclohexane 6 U 78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	123-91-1	1,4-Dioxane	120	ט
78-87-5 1,2-Dichloropropane 6 U 75-27-4 Bromodichloromethane 6 U	79-01-6	Trichloroethene	6	כ
75-27-4 Bromodichloromethane 6 U	108-87-2	Methylcyclohexane		
	78-87-5	1,2-Dichloropropane	6	U
10061-01-5 cis-1,3-Dichloropropene 6 U	75-27-4	Bromodichloromethane	6	U
	10061-01-5	cis-1,3-Dichloropropene	6	บ_

Form I VOA-55 (e-form)

OLM04.2

87-61-6

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PX4 (BGH-SB(2)-60) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: ____ SDG No.: H1PT8 Matrix: (soil/water) SOIL Lab Sample ID: 7116026011 Sample wt/vol: 4.67 (g/mL) g Lab File ID: Date Received: 4/26/2007 Level: (low/med) LOW % Moisture: not dec. 11.307 Date Analyzed: 4/30/2007 GC Column: Dilution Factor: 1 Soil Aliquot Volume: (uL) Soil Extract Volume: CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg 108-10-1 12 U 4-Methyl-2-Pentanone 108-88-3 Toluene 0.37 JB 10061-02-6 6 U trans-1,3-Dichloropropene 6 U 79-00-5 1,1,2-Trichloroethane 127-18-4 Tetrachloroethene 591-78-6 2-Hexanone 124-48-1 Dibromochloromethane 106-93-4 1,2-Dibromoethane 6 U 108-90-7 Chlorobenzene 6 U 100-41-4 Ethylbenzene 6 U 95-47-6 o-Xylene · 6 U 179601-23-1 m,p-Xylene 100-42-5 Styrene 75-25-2 Bromoform 98-82-8 Isopropylbenzene 79-34-5 1,1,2,2-Tetrachloroethane 541-73-1 1,3-Dichlorobenzene 6 U 106-46-7 1,4-Dichlorobenzene 6 U 95-50-1 1,2-Dichlorobenzene 6 U 96-12-8 1,2-Dibromo-3-chloropropane 6 U 120-82-1 6 U 1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

6 U

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories, Inc. Contract:		(BGH-SS(20	
Lab Code:	DATAC Case No.: 36335 SAS No	o.:	SDG No.: 1	11PX7
Matrix: (soil	./water) <u>SOIL</u> L	ab Sample ID:	71180080	001
Sample wt/vol	: <u>5.37 (g/mL) g</u>	ab File ID:		
Level: (low/π	ned) LOW D	ate Received:	04/27/20	07
% Moisture: n	ot dec. 9.7756	ate Analyzed:	5/4/2007	
GC Column: _	ID: (mm) D	ilution Facto	r: <u>1</u>	
Soil Extract	Volume:(uL) S	oil Aliquot V	olume:	(uL)
CAS NO.	COMPOUND	CONCENTRATIO		Q
75-71-8	Dichlorodifluoromethane		5.2	υ
74-87-3	Chloromethane		5.2	Ü
75-01-4	Vinyl chloride		5.2	Ü
74-83-9	Bromomethane		5.2	U
75-00-3	Chloroethane		5.2	Ü
75-69-4	Trichlorofluoromethane		0.41	J
75-35-4	1,1-Dichloroethene	I	5.2	υ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		5.2	Ū
67-64-1	Acetone		10	บ
75-15-0	Carbon disulfide		5.2	
79-20-9	Methyl acetate		5.2	U
75~09-2	Methylene chloride	l		JB
156-60-5	trans-1,2-Dichloroethene	<u> </u>	5.2	
1634-04-4	Methyl tert-butyl ether	.l <u></u>	5.2	
75-34-3	1,1-Dichloroethane		5.2	
156-59-2	cis-1,2-Dichloroethene		5.2	
78-93-3	2-Butanone		10	
74-97-5	Bromochloromethane	ļ	5.2	
67-66-3	Chloroform		5.2	
71-55-6	1,1,1-Trichloroethane	ļ	5.2	
110-82-7	Cyclohexane	<u> </u>	5.2	
56-23-5	Carbon tetrachloride		5.2	
71-43-2	Benzene	 	5.2	
107-06-2	1,2-Dichloroethane	 	5.2	
123-91-1	1,4-Dioxane	1	100	
79-01-6	Trichloroethene	 	5.2	
108-87-2	Methylcyclohexane	 	5.2	
78-87-5	1,2-Dichloropropane	 	5.2	
75-27-4	Bromodichloromethane	 	5.2	
10061-01-5	cis-1,3-Dichloropropene	1	5.2	υl

Form I VOA-1 (e-form)

VOLATILE ORGANICS ANALYSIS DATA SHEET

CAS NO.

COMPOUND

EPA SAMPLE NO.

CONCENTRATION UNITS:

H1PX7 (BGH-SS(206)-50) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: _____ SDG No.: H1PX7 Lab Sample ID: 7118008001 Matrix: (soil/water) SOIL Sample wt/vol: 5.37 (g/mL) g Lab File ID: Level: (low/med) LOW Date Received: __04/27/2007 % Moisture: not dec. 9.7756 Date Analyzed: 5/4/2007 GC Column: ____ ID: ____ (mm) Dilution Factor: 1 Soil Extract Volume: _____(uL) Soil Aliquot Volume: ____(uL)

1A (e-form)

		(ug/L or ug/Kg) <u>ug/kg</u>	
108-10-1	4-Methyl-2-Pentanone	10	Ū
108-88-3	Toluene	. 0.29	JB
10061-02-6	trans-1,3-Dichloropropene	5.2	Ü
79-00-5	1,1,2-Trichloroethane	5.2	Ū
127-18-4	Tetrachloroethene	5.2	IJ
591-78-6	2-Hexanone	10	Ü
124-48-1	Dibromochloromethane	5.2	Ü
106-93-4	1,2-Dibromoethane	5.2	Ū
108-90-7	Chlorobenzene	5.2	U
100-41-4	Ethylbenzene	5.2	Ū
95-47-6	o-Xylene	5.2	Ü
179601-23-1	m,p-Xylene	5.2	U
100-42-5	Styrene	5.2	Ū
75-25-2	Bromoform	5.2	Ū
98-82-8	Isopropylbenzene	5.2	Ū
79-34-5	1,1,2,2-Tetrachloroethane	5.2	Ü
541-73-1	1,3-Dichlorobenzene	5.2	U
106-46-7	1,4-Dichlorobenzene	5.2	U
95-50-1	1,2-Dichlorobenzene	5.2	Ü
96-12-8	1,2-Dibromo-3-chloropropane	5.2	U
120-82-1	1,2,4-Trichlorobenzene	5.2	υ
87-61-6	1,2,3-Trichlorobenzene	5.2	Ū

EPA SAMPLE NO.

Lab Name:Data	Chem Laboratories, Inc	. Contract:	H1PX9 (BGH-SB(2)-61)
Lab Code: DATA	C Case No.: 3633	SAS No.:	SDG No.: H1PX7
Matrix: (soil/wat	er) SOIL	Lab Sample	ID: 7118008003
Sample wt/vol:	4.59 (g/mL) g	Lab File I	D:
Level: (low/med)	LOW	Date Recei	ved: 04/27/2007
Moisture: not d	ec. 7.1181	Date Analy	zed: 5/4/2007
GC Column:	ID:(mm)	Dilution F	actor: <u>1</u>
Soil Extract Volu	me:(uL)	Soil Aliqu	ot Volume:(uL)

CAS NO. COMPOUND CONCENTRATION UNITS:

(ug/L or ug/Kg) ug/kg

			-
75-71-8	Dichlorodifluoromethane	5.9	U
74-87-3	Chloromethane	5.9	U
75-01-4	Vinyl chloride	5.9	U
74-83-9	Bromomethane	5.9	U
75-00-3	Chloroethane	5.9	U
75-69-4	Trichlorofluoromethane	5.9	U
75-35-4	1,1-Dichloroethene	5.9	Ü
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	5.9	U
79-20-9	Methyl acetate	5.9	U
75-09-2	Methylene chloride	1.9	JB
156-60-5	trans-1,2-Dichloroethene	5.9	U
1634-04-4	Methyl tert-butyl ether	5.9	U
75-34-3	1,1-Dichloroethane	5.9	U
156-59-2	cis-1,2-Dichloroethene	5.9	U
78-93-3	2-Butanone	12	Ü
74-97-5	Bromochloromethane	5.9	Ü
67-66-3	Chloroform	5.9	U
71-55-6	1,1,1-Trichloroethane	5.9	U
110-82-7	Cyclohexane	5.9	U
56-23-5	Carbon tetrachloride	5.9	U
71-43-2	Benzene	5.9	U
107-06-2	1,2-Dichloroethane	5.9	υ
123-91-1	1,4-Dioxane	120	U
79-01-6	Trichloroethene	5.9	U
108-87-2	Methylcyclohexane	5.9	U
78-87-5	1,2-Dichloropropane	5.9	Ü
75-27-4	Bromodichloromethane	5.9	U
10061-01-5	cis-1,3-Dichloropropene	5.9	U

Form I VOA-7 (e-form)

OLM04.2

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

HIPX9 (BGH-SB(2)-61) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PX7 Matrix: (soil/water) SOIL Lab Sample ID: 7118008003 Sample wt/vol: 4.59 (g/mL) g Lab File ID: Date Received: 04/27/2007 Level: (low/med) LOW % Moisture: not dec. 7.1181 Date Analyzed: 5/4/2007 GC Column: ID: (mm) Dilution Factor: 1 Soil Aliquot Volume: (uL) Soil Extract Volume: (uL) CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg 108-10-1 4-Methyl-2-Pentanone 108-88-3 Toluene 0.36 JB 10061-02-6 trans-1,3-Dichloropropene 5.9 11 5.9 U 79-00-5 1,1,2-Trichloroethane 127-18-4 5.9 U Tetrachloroethene 591-78-6 2-Hexanone 12 U 124-48-1 Dibromochloromethane 5.9 U 1,2-Dibromoethane 106-93-4 5.9 U 108-90-7 Chlorobenzene 5.9 U 100-41-4 Ethylbenzene 5.9 11 5.9 U 95-47-6 o-Xylene 179601-23-1 0.28 Ј m,p-Xylene 100-42-5 5.9 U Styrene 75-25-2 Bromoform 5.9 U 98-82-8 Isopropylbenzene 5.9 U 79-34-5 1,1,2,2-Tetrachloroethane 5.9 U 541-73-1 1,3-Dichlorobenzene 5.9 U 5.9 U 106-46-7 1,4-Dichlorobenzene 95-50-1 5.9 U 1,2-Dichlorobenzene 5.9 U 96-12-8 1,2-Dibromo-3-chloropropane 5.9 U 120-82-1 1,2,4-Trichlorobenzene 87-61-6 1,2,3-Trichlorobenzene 5.9 U

EPA SAMPLE NO.

Lab Name:	DataChem I	*horatorios	T==	Contract		(BGH-SB(2	
ran Mame: -	DataChem L	aboracories	, Inc.	Contract:			
Lab Code:	DATAC	Case No.:	36335	SAS No	· · · ·	SDG No.: _H	11 PX 7
Matrix: (soi	1/water)	SOIL	_	L	ab Sample ID	71180080	005
Sample wt/vo	1: 5.08	(g/mL) <u>g</u>	_	Li	ab File ID:		
Level: (low/	med) LOW			De	ate Received	04/27/20	07
% Moisture:	not dec.	9.5406		Da	ate Analyzed	5/4/2007	
GC Column: _		ID:	(mm)	D:	ilution Facto	or: 1	
Soil Extract	Volume:	(uL)	Se	oil Aliquot \	/olume:	(uL)
CAS NO.	СОМРОИ	ND			CONCENTRATIO	ON UNITS: /Kg) ug/kg	Q
75-71-8	Dichloro	difluoromet	hane		T	5.4	U
74-87-3	Chlorome	thane				5.4	Ü
75-01-4	Vinyl ch	loride				5.4	U
74-83-9	Bromomet	hane			†	5.4	υ
75-00-3	Chloroet	hane				5.4	Ü
75-69-4	Trichlor	ofluorometh	ane			5.4	υ
75-35-4	1,1-Dich	loroethene			1	5.4	U
76-13-1	1,1,2-Tr	ichloro-1,2	,2-trif	luoroethane		5.4	Ü
67-64-1	Acetone					11	ט
75-15-0	Carbon d	lisulfide				5.4	Ū
79-20-9	Methyl a	cetate				5.4	U
75-09-2	Methylen	e chloride				1.3	JB
156-60-5	trans-1,	2-Dichloroe	thene			5.4	Ü
1634-04-4	Methyl t	ert-butyl e	ther			5.4	U
75-34-3	1,1-Dich	loroethane			1	5.4	U
156-59-2	cis-1,2-	Dichloroeth	ene			5.4	U
78-93-3	2-Butano	ne			 		U
74-97-5	Bromochl	oromethane				5.4	U ·
67-66-3	Chlorofo	rm				5.4	U
71-55-6	1,1,1-Tr	ichloroetha	ne		 	5.4	U
110-82-7	Cyclohex	ane			<u> </u>	5.4	υ
56-23-5	Carbon t	etrachlorid	e		T	5.4	U
71-43-2	Benzene				T	5.4	U

Form I VOA-13 (e-form)

107-06-2

123-91-1

79-01-6

108-87-2

78-87-5

75-27-4

10061-01-5

1,2-Dichloroethane

1,4-Dioxane

Trichloroethene

Methylcyclohexane

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

1A (e-form)
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PY1 (BGH-SB(2)-62) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PX7 Matrix: (soil/water) SOIL Lab Sample ID: __7118008005 Sample wt/vol: 5.08 (g/mL) g Lab File ID: Level: (low/med) LOW Date Received: 04/27/2007 % Moisture: not dec. 9.5406 Date Analyzed: 5/4/2007 GC Column: _____ ID: (mm) Dilution Factor: 1 Soil Extract Volume: (uL) Soil Aliquot Volume: CAS NO. COMPOUND CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/kg	. Q
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	0.27	JВ
10061-02-6	trans-1,3-Dichloropropene	5.4	U
79-00-5	1,1,2-Trichloroethane	5.4	Ū
127-18-4	Tetrachloroethene	5.4	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.4	U
106-93-4	1,2-Dibromoethane	5.4	υ
108-90-7	Chlorobenzene	5.4	Ü
100-41-4	Ethylbenzene	5.4	U
95-47-6	o-Xylene	5.4	U
179601-23-1	m,p-Xylene	5.4	Ū
100-42-5	Styrene	5.4	U
75-25-2	Bromoform	5.4	U
98-82-8	Isopropylbenzene	5.4	Ü
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U
541-73-1	1,3-Dichlorobenzene	5.4	U
106-46-7	1,4-Dichlorobenzene	5.4	U
95-50-1	1,2-Dichlorobenzene	5.4	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	U
120-82-1	1,2,4-Trichlorobenzene	5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	Ū

5.4 U

110 U

5.4 U

5.4 U

5.4 U

5.4 U

EPA SAMPLE NO.

Lab Name:	DataChem I	Laboratories	Inc. Co	ntract:	·	H1PY (BGH-SB(2	_
Lab Code:	DATAC	Case No.:	36335	SAS	No.:	SDG No.: H	1PX7_
Matrix: (soi	l/water)	SOIL	_		Lab Sample ID:	71180080	09
Sample wt/vo	1: 4.53	(g/mL) <u>g</u>	_		Lab File ID:		·
Level: (low/	med) LOW		•		Date Received:	04/27/20	07
% Moisture:	not đec.	4.6181			Date Analyzed:	5/4/2007	
GC Column:		ID:	(mm)		Dilution Facto	r: <u>1</u>	
Soil Extract	Volume:	(1	ıL)		Soil Aliquot V	olume:	(uL)
CAC NO	COMPOU	ND			CONCENTERATE	M IMITE.	0

(ug/L or ug/Kg) ug/kg 75-71-8 Dichlorodifluoromethane 5.8 U 74-87-3 Chloromethane 5.8 U 75-01-4 Vinyl chloride 5.8 U 5.8 U 74-83-9 Bromomethane 75-00-3 Chloroethane 5.8 U 75-69-4 Trichlorofluoromethane 5.8 U 75-35-4 1,1-Dichloroethene 5.8 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 5.8 υ 67-64-1 Acetone 12 U 75-15-0 Carbon disulfide 5.8 U 79-20-9 Methyl acetate 5.8 U 75-09-2 Methylene chloride 1 JB 156-60-5 trans-1,2-Dichloroethene 5.8 U 1634-04-4 Methyl tert-butyl ether 5.8 U 75-34-3 1,1-Dichloroethane 5.8 U 156-59-2 cis-1,2-Dichloroethene 5.8 U 78-93-3 2-Butanone 12 U 74-97-5 Bromochloromethane 5.8 U 67-66-3 Chloroform 5.8 U 71-55-6 1,1,1-Trichloroethane 5.8 U 5.8 U 110-82-7 Cyclohexane 56-23-5 Carbon tetrachloride 5.8 U 71-43-2 5.8 Benzene U 1,2-Dichloroethane 107-06-2 5.8 U 123-91-1 1,4-Dioxane 120 U 79-01-6 Trichloroethene 5.8 U 108-87-2 Methylcyclohexane 5.8 U 78-87-5 1,2-Dichloropropane 5.8 U Bromodichloromethane 75-27-4 5.8 U cis-1,3-Dichloropropene 10061-01-5 5.8 U

Form I VOA-31 (e-form)

OLM04.2

120-82-1

87-61-6

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:	DataChem I	Laboratories	_ Inc.	Contract:		H1P (BGH-SB(
Lab Code:	DATAC	Case No.:	36335	SAS No.:		SDG No.:	H1PX7
Matrix: (soi	l/water)	SOIL	_	Lab	Sample ID:	7118008	009
Sample wt/vol	L: 4.53	(g/mL) g	_	Lab	File ID:		
Level: (low/m	ned) LOW			Date	Received:	04/27/2	007
% Moisture: r	ot dec.	4.6181		Date	Analyzed:	5/4/2007	
GC Column:		ID:	(mm)	Dilu	tion Factor		
Soil Extract			_		Aliquot Vo		_
CAS NO.	COMPOU	ND			ONCENTRATION		Q -
108-10-1	4-Methy	l-2-Pentanon	e			12	Ü
108-88-3	Toluene					0.29	JB
10061-02-6	trans-1	3-Dichlorop	гореле			5.8	U
79-00-5	1,1,2-T	richloroetha	ne			5.8	U
127-18-4	Tetrachl	oroethene				5.8	U
591-78-6	2-Hexano	ne				12	U
124-48-1	Dibromoo	hloromethan	e			5.8	Ü
106-93-4	1,2-Dib	omoethane				5.8	Ü
108-90-7	Chlorobe	пzеле				5.8	U
100-41-4	Ethylber	zene				5.8	U
95-47-6	o-Xylene	·				5.8	ט
179601-23-1	m,p-Xyle	ne				5 8	U
100-42-5	Styrene					5.8	U
75-25-2	Bromofor	m				5.8	U
98-82-8	Isopropy	lbenzene				5.8	U
79-34-5	1,1,2,2-	Tetrachloro	ethane			5.8	U
541-73-1	1,3-Dich	lorobenzene				5.8	U
106-46-7	1,4-Dich	lorobenzene				5.8	U
95-50-1	1,2-Dich	lorobenzene		-		5.8	U
96-12-8	1,2-Dibr	omo-3-chlor	opropane			5.8	U

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

5.8 U

5.8 U

EPA SAMPLE NO.

OLM04.2

Lab Name:	DataChem Laboratories, Inc. Contract:	H1PY5 (BGH-SB(2)-64)
	DATAC Case No.: 36335 SAS No	
	-	ab Sample ID: 7118008011
		ab File ID:
Level: (low/m	ed) <u>LOW</u> D	ate Received: 04/27/2007
% Moisture: n	ot dec. 3.9216 D	ate Analyzed: 5/4/2007
GC Column: _	ID: (mm) D	ilution Factor: 1
Soil Extract		oil Aliquot Volume:(uL
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/kg
75-71-8	Dichlorodifluoromethane	5 U
74-87-3	Chloromethane	5 U
75-01-4	Vinyl chloride	5 U
74-83-9	Bromomethane	5 U
75-00-3	Chloroethane	5 υ
75-69-4	Trichlorofluoromethane	0.35 J
75-35-4	1,1-Dichloroethene	5 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5 U
67-64-1	Acetone	10 U
75-15-0	Carbon disulfide	5 U
79-20-9	Methyl acetate	5 U
75-09-2	Methylene chloride	0.54 JB
156-60-5	trans-1,2-Dichloroethene	5 U
1634-04-4	Methyl tert-butyl ether	5 U
75-34-3	1,1-Dichloroethane	5 U
156-59-2	cis-1,2-Dichloroethene	5 U
78-93-3	2-Butanone	10 ປ
74-97-5	Bromochloromethane	5 U
67-66-3	Chloroform	5 U
71-55-6	1,1,1-Trichloroethane	5 U
110-82-7	Cyclohexane	5 U
56-23-5	Carbon tetrachloride	5 U
71-43-2	Benzene	5 U
107-06-2	1,2-Dichloroethane	5 U
123-91-1	1,4-Dioxane	100 U
79-01-6	Trichloroethene	5 U
108-87-2	Methylcyclohexane	5 U
78-87-5	1,2-Dichloropropane	ט 5

Form I VOA-37 (e-form)

Bromodichloromethane cis-1,3-Dichloropropene

75-27-4

10061-01-5

1A (e-form)
VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:I	DataChem I	aboratories	, Inc.	Contract:		H1P (BGH-SB(
Lab Code:	DATAC	Case No.:	36335	SAS No.:	s	DG No.:	H1PX7
Matrix: (soil	/water)	SOIL	_	Lab Sa	ample ID:	7118008	011
Sample wt/vol	: 5.16	(g/mL) g	_	Lab F	ile ID: _		
Level: (low/me	ed) LOW			Date I	Received:	04/27/2	007
% Moisture: ne	ot dec.	3.9216		Date A	Analyzed:	5/4/2007	
GC Column:		ID:	(mm)	Diluti	ion Factor	: 1	_
Soil Extract	Volume:	(1	μL)	Soil A	Aliquot Vo	lume:	(uL)
CAS NO.	Сомрои	ND			CENTRATION		Q
108-10-1	4-Methyl	-2-Pentanone	9			10	ַ ט ס
108-88-3	Toluene						ט כ
10061-02-6	trans-1,	3-Dichlorop	ropene				ט
79-00-5	1,1,2-Tr	ichloroethan	ne		_		Ū
127-18-4	Tetrachl	oroethene					Ü
591-78-6	2-Hexano	ne				10	ט כ
124-48-1	Dibromoo	hloromethane	2				5 U
106-93-4	1,2-Dibr	omoethane					ט פֿ
108-90-7	Chlorobe	enzene					ט פ
400 44 4							

Dibromochioromethane	>	U
1,2-Dibromoethane	5	U
Chlorobenzene	5	U
Ethylbenzene	5	U
o-Xylene	5	U
m,p-Xylene	5	U
Styrene	5	U
Bromoform	5	U
Isopropylbenzene	5	U
1,1,2,2-Tetrachloroethane	5	U
1,3-Dichlorobenzene	5	Ü
1,4-Dichlorobenzene	5	U
1,2-Dichlorobenzene	5	ט
1,2-Dibromo-3-chloropropane	5	Ü
1,2,4-Trichlorobenzene	5	U
1,2,3-Trichlorobenzene	5	ប
	1,2-Dibromoethane Chlorobenzene Ethylbenzene o-Xylene m,p-Xylene Styrene Bromoform Isopropylbenzene 1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dibromo-3-chloropropane 1,2,4-Trichlorobenzene	1,2-Dibromoethane 5 Chlorobenzene 5 Ethylbenzene 5 o-Xylene 5 m,p-Xylene 5 Styrene 5 Bromoform 5 Isopropylbenzene 5 1,1,2,2-Tetrachloroethane 5 1,3-Dichlorobenzene 5 1,4-Dichlorobenzene 5 1,2-Dichlorobenzene 5 1,2-Dibromo-3-chloropropane 5 1,2,4-Trichlorobenzene 5

EPA SAMPLE NO.

Lab Name:	DataChem	Laboratories	, Inc.	Contract:		H1PY (BGH-SB(2	
Lab Code:	DATAC	Case No.:	36335	SAS No	.:	SDG No.: H	1PX7
Matrix: (soi	l/water)	SOIL	_		ab Sample ID:		
Sample wt/vo	1: 5.21	(g/mL) g	_	Lā	ab File ID:		
Level: (low/	med) LOW		_	Dā	ate Received:	04/27/20	07
% Moisture:	not dec.	 14.065		Da	ate Analyzed:	5/4/2007	
GC Column:		ID:	(mm)		lution Facto		
GC COTUME: _						-	
Soil Extract	Volume:	(uL)	Sc	oil Aliquot V	olume:	(uL)
CAS NO.	COMPOL	ND				ON UNITS: (Kg) ug/kg	Q
75-71-8	Dichlor	odifluoromet	hane			5.6	
74-87-3	Chlorom	ethane				5.6	
75-01-4	Vinyl c	hloride				5.6	U
74-83-9	Bromome	thane				5.6	Ū
75-00-3	Chloroe	thane				5.6	Ŭ
75-69-4	Trichlo	rofluorometh	iane			5.6	U
75-35-4	1,1-Dic	hloroethene				5.6	ប
76-13-1	1,1,2-T	richloro-1,2	2,2-triflu	oroethane		5.6	U
67-64-1	Acetone					11	บ
75-15-0	Carbon	disulfide				5.6	ם
79-20-9	Methyl	acetate				5.6	U
75-09-2	Methyle:	ne chloride				0.85	JB
156-60-5	trans-1	,2-Dichloroe	thene			5.6	บ
1634-04-4	Methyl	tert-butyl e	ther			5.6	U
75-34-3	1,1-Dic	hloroethane				5.6	ŭ
156-59-2	cis-1,2	-Dichloroeth	iene			5.6	บ
78-93-3	2-Butan	one				11	U .
74-97-5	Bromoch	loromethane				. 5.6	Ū
67-66-3	Chlorof	orm				5.6	U
71-55-6	1,1,1-T	richloroetha	ine			5.6	U
110-82-7	Cyclohe	xane				5.6	U
56-23-5	Carbon	tetrachlorid	le			5.6	U
71-43-2	Benzene					5.6	U
107-06-2	1,2-Dic	hloroethane				5.6	U
123-91-1	1,4-Dio	xane				110	U
79-01-6	Trichlo	roethene				5.6	Ū
108-87-2	Methylc	yclohexane				5.6	Ü

Form I VOA-43 (e-form)

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

78-87-5

75-27-4

10061-01-5

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

CONCENTRATION UNITS:

H1PY7 (BGH-SB(2)-66) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PX7 Matrix: (soil/water) SOIL Lab Sample ID: 7118008013 Sample wt/vol: 5.21 (g/mL) g Lab File ID: Date Received: 04/27/2007 Level: (low/med) LOW % Moisture: not dec. 14.065 Date Analyzed: 5/4/2007 GC Column: ID: ____(mm) Dilution Factor: 1 Soil Extract Volume: _____(uL) Soil Aliquot Volume:

CAS NO.

COMPOUND

			-
		$(ug/L \text{ or } ug/Kg) \underline{ ug/kg}$	
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	5.6	U
10061-02-6	trans-1,3-Dichloropropene	5.6	บ
79~00-5	1,1,2-Trichloroethane	5.6	U
127-18-4	Tetrachloroethene	5.6	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.6	บ
106-93-4	1,2-Dibromoethane	5.6	U
108-90-7	Chlorobenzene	5.6	U
100-41-4	Ethylbenzene	5.6	υ
95-47-6	o-Xylene	5.6	U
179601-23-1	m,p-Xylene	5.6	IJ
100-42-5	Styrene	5.6	υ ·
75-25-2	Bromoform	5.6	υ
98-82-8	Isopropylbenzene	5.6	U
79-34-5	1,1,2,2-Tetrachloroethane	5.6	υ
541-73-1	1,3-Dichlorobenzene	5.6	υ
106-46-7	1,4-Dichlorobenzene	5.6	U
95-50-1	1,2-Dichlorobenzene	5.6	U
96-12-8	1,2-Dibromo-3-chloropropane	5.6	U
120-82-1	1,2,4-Trichlorobenzene	5.6	U
87-61-6	1,2,3-Trichlorobenzene	5.6	U

5.6 U

EPA SAMPLE NO.

H1PY9

Lab Name: 1	DataChem Laboratories, Inc. Contract	t:(BGH-SB(2)-52)			
Lab Code: I	DATAC Case No.: 36335 SAS	S No.: SDG No.: H1PY8			
Matrix: (soi	l/water) SOIL	Lab Sample ID: 7122012002			
Sample wt/vo	1: <u>5.17</u> (g/mL) <u>g</u>	Lab File ID:			
Level: (low/	med) LOW	Date Received: 5/1/2007			
% Moisture: n	not dec. 10.89	Date Analyzed: 5/8/2007			
GC Column: _	ID: (mm)	Dilution Factor: 1			
Soil Extract	Volume: (uL)	Soil Aliquot Volume:(uL)			
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/kg) ug/kg			
75-71-8	Dichlorodifluoromethane	5.4U			
74-87-3	Chloromethane	5.4 U			
75-01-4	Vinyl chloride	5.4 U			
74-83-9	Bromomethane	5.4 U			
75-00-3	Chloroethane	5.4 U			
75-69-4	Trichlorofluoromethane 5.4 U				
75-35-4	1,1-Dichloroethene 5.4 U				
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethan	ie 5.4 U			
67-64-1	Acetone	11 U			
75-15-0	Carbon disulfide	5.4 U			
79-20-9	Methyl acetate	5.4 U			
75-09-2	Methylene chloride	0.91 JB			
156-60-5	trans-1,2-Dichloroethene	5.4 U			
1634-04-4	Methyl tert-butyl ether	5.4 U			
75-34-3	1,1-Dichloroethane	5.4 U			
156-59-2	cis-1,2-Dichloroethene	5.4 U			
78-93-3	2-Butanone	11 U			
74-97-5	Bromochloromethane	5.4 U			
67-66-3	Chloroform	5.4 U			
71-55-6	1,1,1-Trichloroethane	5.4 U			
110-82-7	Cyclohexane	5.4 U			
56-23-5	Carbon tetrachloride	5.4 U			
71-43-2	Benzene	5.4 U			
107-06-2	1,2-Dichloroethane	5.4 U			
123-91-1	1,4-Dioxane	110 U			
79-01-6	Trichloroethene	5.4 U			
108-87-2	Methylcyclohexane	5.4 U			
78-87-5	1,2-Dichloropropane	5.4 U			
75-27-4	Bromodichloromethane	5 . 4 U			
10061-01-5	cis-1,3-Dichloropropene	5.4 U			

Form I VOA-1 (e-form)

OLM04.2

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	ataChem Laboratories, Inc. (H1PY9 (BGH-SB(2)-52)
Lab Code: Di	ATAC Case No.: 36335	SAS No.: SDG No.: H1PY8
Matrix: (soil	/water) <u>SOIL</u>	Lab Sample ID: 7122012002
Sample wt/vol	: 5.17 (g/mL) g	Lab File ID:
Level: (low/m	ed) <u>LOW</u>	Date Received: 5/1/2007
% Moisture: no	ot dec. 10.89	Date Analyzed: 5/8/2007
GC Column:	ID: (mm)	Dilution Factor: 1
	Volume:(uL)	Soil Aliquot Volume:(uL)
CAS NO.		CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/kg
108-10-1	4-Methyl-2-Pentanone	11 0
108-88-3	Toluene	0.19JB
10061-02-6	trans-1,3-Dichloropropene	5.4 U
79-00-5	1,1,2-Trichloroethane	5.4 U
127-18-4	Tetrachloroethene	5.40
591-78-6	2-нехаполе	11 0
124-48-1	Dibromochloromethane	5.4 U
106-93-4	1,2-Dibromoethane	5.4U
108-90-7	Chlorobenzene	5.4U
100-41-4	Ethylbenzene	5.4 U
95-47-6	o-Xylene	5.4 U
179601-23-1	m,p-Xylene	5.4 U
100-42-5	Styrene	5.4 U
75-25-2	Bromoform	5.4 U
98-82-8	Isopropylbenzene	5.4 U
79-34-5	1,1,2,2-Tetrachloroethane	5.4 U
541-73-1	1,3-Dichlorobenzene	5.4 U
106-46-7	1,4-Dichlorobenzene	5.4 U
95-50-1	1,2-Dichlorobenzene	5.4 U
96-12-8	1,2-Dibromo-3-chloropropane	5.4 U
120-82-1	1,2,4-Trichlorobenzene	5.4 U
87-61-6	1,2,3-Trichlorobenzene	5.4 U

1A (e-form)

EPA SAMPLE NO.

	VOLATILE ORGANICS ANALYSIS	DATA SHEET
Lab Name:	DataChem Laboratories, Inc. Contra	H1PZ0 (BGH-SS(20)-52)
Lab Code:	DATAC Case No.: 36335 SA	AS No.: SDG No.: H1PY8
Matrix: (soj	.l/water) SOIL	Lab Sample ID: 7122012005
Sample wt/vo	ol: 5.4(g/mL) g	Lab File ID:
Level: (low/	med) LOW	Date Received: 5/1/2007
% Moisture:	not dec. 18.227	Date Analyzed: 5/8/2007
GC Column:	ID: (mm)	Dilution Factor: 1
Soil Extract	Volume:(uL)	Soil Aliquot Volume: (uL)
	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/kg
75-71-8	Dichlorodifluoromethane	5.7 U
74-87-3	Chloromethane	5.7 U
75-01-4	Vinyl chloride	5.7 U
74-83-9	Bromomethane	5.7 U
75-00-3	Chloroethane	5.7 U
75-69-4	Trichlorofluoromethane	5.7 U
75-35-4	1,1-Dichloroethene	5.70
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroetha	ne 5.7 U
67-64-1	Acetone	11 U
75-15-0	Carbon disulfide	5.7 U
79-20-9	Methyl acetate	5.7 U
75-09-2	Methylene chloride	1.1 JB
156-60-5	trans-1,2-Dichloroethene	5.7 U
1634-04-4	Methyl tert-butyl ether	5.7 U
75-34-3	1,1-Dichloroethane	5.7 U
156-59-2	cis-1,2-Dichloroethene	5.7 U
78-93-3	2-Butanone	11 U

Form I VOA-15 (e-form)

Chloroform

Cyclohexane

1,4-Dioxane

Trichloroethene

Methylcyclohexane

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

Benzene

Bromochloromethane

1,1,1-Trichloroethane

Carbon tetrachloride

1,2-Dichloroethane

74-97-5

67-66-3

71-55-6

56-23-5

71-43-2

107-06-2

123-91-1

79-01-6

78-87-5

75-27-4

10061-01-5

108-87-2

110-82-7

OLM04.2

5.7 U

110 U

5.7 U

5.7 U

5.7 U

5.7 U

5.7 U

la (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

Tal Mana Ba	akantan yakan ya	H1PZ0 (BGH-SS(20)-52)
Lab Name: Da	ataChem Laboratories, Inc.	Contract:
Lab Code: DA	ATAC Case No.: 36335	SAS No.: SDG No.: H1PY8
Matrix: (soil	(water) SOIL	Lab Sample ID: 7122012005
Sample wt/vol	5.4 (g/mL) g	Lab File ID:
Level: (low/me	ed) LOW	Date Received: 5/1/2007
% Moisture: no	ot dec. 18.227	Date Analyzed: 5/8/2007
GC Column:	ID:(mm)	Dilution Factor: 1
Soil Extract V	/olume:(uL)	Soil Aliquot Volume:(u
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q
		(ug/L or ug/Kg) ug/kg
108-10-1	4-Methyl-2-Pentanone	11 U
108-88-3	Toluene	0.22 JB
10061-02-6	trans-1,3-Dichloropropene	5.7 U
79-00-5	1,1,2-Trichloroethane	5.7 U
127-18-4	Tetrachloroethene	5.7 U
591-78-6	2-Hexanone	11 U
124-48-1	Dibromochloromethane	5.7 U
106-93-4	1,2-Dibromoethane	5.7 U
108-90-7	Chlorobenzene	5.7 U
100-41-4	Ethylbenzene	5.7 U
95-47-6	o-Xylene	5.7 U
179601-23-1	m,p-Xylene	5.7 U
100-42-5	Styrene	5.7 U
75-25-2	Bromoform	5.7 U
98-82-8	Isopropylbenzene	5.7 U
79-34-5	1,1,2,2-Tetrachloroethane	5.7 ป
541-73-1	1,3-Dichlorobenzene	5.7 U
106-46-7	1,4-Dichlorobenzene	5.7 U
95-50-1	1,2-Dichlorobenzene	5.7 U
96-12-8	1,2-Dibromo-3-chloropropane	5.7 U
120-82-1	1,2,4-Trichlorobenzene	5.7 U
87-61-6	1,2,3-Trichlorobenzene	5.7 U

EPA SAMPLE NO.

Lab Name: D	ataChem Laboratories, Inc. Contract:	(BGH-SB(2)-53)
Lab Code: D	ATAC Case No.: 36335 SAS No	SDG No.: H1PY8
		ab Sample ID: 7122012007
	 _	-
Sample wt/vol	: 4.43 (g/mL) g	ab File ID:
Level: (low/m	ed) LOW D	ate Received: 5/1/2007
% Moisture: n	ot dec. 5.915	ate Analyzed: 5/8/2007
GC Column: _	ID:(mm) · D	ilution Factor: 1
	Volume: (uL) S	
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/kg
75-71-8	Dichlorodifluoromethane	6 U
74-87-3	Chloromethane	6 U
75-01-4	Vinyl chloride	6 U
74-83-9	Bromomethane	6 U
75-00-3	Chloroethane	6 U
75-69-4	Trichlorofluoromethane	6 U
75-35-4	1,1-Dichloroethene	6 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6 U
67-64-1	Acetone	12 U
75-15-0	Carbon disulfide	6 U
79-20-9	Methyl acetate	6 U
75-09-2	Methylene chloride	0.83 JB
156-60-5	trans-1,2-Dichloroethene	6 U
1634-04-4	Methyl tert-butyl ether	6 U
75-34-3	1,1-Dichloroethane	6 U
156-59-2	cis-1,2-Dichloroethene	6 U
78-93-3	2-Butanone	12 U
74-97-5	Bromochloromethane	6 U
67-66-3	Chloroform	6 U
71-55-6	1,1,1-Trichloroethane	6 U
110-82-7	Cyclohexane	6 U
56-23-5	Carbon tetrachloride	6 U
71-43-2	Benzene	6 U
107-06-2	1,2-Dichloroethane	6 U
123-91-1	1,4-Dioxane	120 U
79-01-6	Trichloroethene	6 U
108-87-2	Methylcyclohexane	6 U
78-87-5	1,2-Dichloropropane	6 U
75-27-4	Bromodichloromethane	6 U
10061-01-5	cis-1,3-Dichloropropene	6 U

Form I VOA-21 (e-form)

1A (e-form)
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:	DataChem La	aboratories,	Inc.	Contract:	:	H1P2 (BGH-SB(
Lab Code:	DATAC	Case No.:	36335	SAS	No.:	SDG No.: H	1PY8
Matrix: (soi	l/water)	SOIL	_		Lab Sample ID	: 7122012	007
Sample wt/vo	1: 4.43	_(g/mL) <u>g</u>	_		Lab File ID:		
Level: (low/	med) <u>LOW</u>				Date Received	: 5/1/2007	
% Moisture:	not dec.	5.915			Date Analyzed	: 5/8/2007	
GC Column:			_		Dilution Facto	or: <u>1</u>	_
Soil Extract	Volume:		uL)		Soil Aliquot	Volume:	(uL)
CAS NO.	COMPOU	ND			CONCENTRATI	ON UNITS: /Kg) ug/kg	-
108-10-1	4-Methyl	-2-Pentanone				12	U
108-88-3	Toluene					0.54	JB
10061-02-6	trans-1,	3-Dichloropr	opene			6	U
79-00-5	1,1,2-Tri	chloroethan	e			6	U
127-18-4	Tetrachlo	roethene				6	U
591-78-6	2-Hexanor	ıe			1	12	U
124-48-1	Dibromoch	loromethane			<u> </u>	6	ט
106-93-4	1,2-Dibro	moethane				6	υ
108-90-7	Chlorober	izene				6	U
100-41-4	Ethylbenz	ene				6	Ū
95-47-6	o-Xylene				 -		U
179601-23-1	m,p-Xyler	ie					U
100-42-5	Styrene				-		Ü
75-25-2	Bromoform	1			<u> </u>		Ū
98-82-8	Isopropyl	benzene					Ü
79-34-5		etrachloroet	hane				Ū
641-73-1	1,3-Dichl	orobenzene			T		Ū
106-46-7	1,4-Dichl	orobenzene					U
95-50-1	1,2-Dichl	orobenzene	_				Ü
6-12-8	1.2-Dibro	mo-3-chloror	ropane		 		11

120-82-1

87-61-6

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

EPA SAMPLE NO.

Lab Name: D	DataChem La	boratories, 1	Inc. (Contract:		H1PZ (BGH-SB(2	_
Lab Code: D	DATAC	Case No.:	36335	_ SAS N	No.:	SDG No.: Hi	LPY8
Matrix: (soil	l/water)	SOIL			Lab Sample ID:	71220120	010
Sample wt/vol	5.08	(g/mL) g			Lab File ID:		
Level: (low/m	ned) LOW				Date Received:	5/1/2007	
% Moisture: n	ot dec.	7.014			Date Analyzed:	5/8/2007	
GC Column: _		ID:	(mm)		Dilution Facto	or: <u>1</u>	_
Soil Extract	Volume:	(uI	۲)		Soil Aliquot V	olume:	(uL)
CAS NO.	COMPOUN	ĮD			CONCENTRATIO		Q -
75-71-8	Dichlorod	ifluoromethar	ne			5.3	U
74-87-3	Chloromet	hane			 	5.3	
75-01-4	Vinyl chl	Vinyl chloride				5.3	U
74-83-9	Bromomethane				5.3	U	
75-00-3	Chloroethane				5.3	U	
75-69-4	Trichloro	fluoromethane				5.3	U
75-35-4	1,1-Dichl	oroethene		_		5.3	U
76-13-1	1,1,2-Tri	chloro-1,2,2-	-trifluo	roethane		5.3	U
67 64 1	Noctions.					11	1

75-15-0	Carbon disulfide	5.3	ט
79-20-9	Methyl acetate	5.3	U
75-09-2	Methylene chloride	0.69	JB
156-60-5	trans-1,2-Dichloroethene	5.3	U
1634-04-4	Methyl tert-butyl ether	5.3	U
75-34-3	1,1-Dichloroethane	5.3	υ.
156-59-2	cis-1,2-Dichloroethene	5.3	U
78-93-3	2-Butanone	11	U
74-97-5	Bromochloromethane	5.3	ט
67-66-3	Chloroform	5.3	U
71-55-6	1,1,1-Trichloroethane	5.3	U
110-82-7	Cyclohexane	5.3	U
56-23-5	Carbon tetrachloride	5.3	U
71-43-2	Benzene	5.3	U
107-06-2	1,2-Dichloroethane	5.3	U
123-91-1	1,4-Dioxane	110	υ
79-01-6	Trichloroethene	5.3	υ

Form I VOA-27 (e-form)

108-87-2

78-87-5

75-27-4

10061-01-5

Methylcyclohexane

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

OLM04.2

5.3 U

5.3 U

5.3 U

5.3 U

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: I	DataChem La	aboratories,	Inc.	Contract:	(BGH-SB(
Lab Code: I	DATAC	Case No.:	36335	SAS No.:	SDG No.: H	1 PY8
Matrix: (soi)	l/water)	SOIL		 Lab Sa	mple ID: 7122012	010
Sample wt/vol	l: <u>5.08</u>	(g/mL) <u>g</u>	_	Lab Fi	le ID:	
Level: (low/m	ned) LOW			Date R	eceived: <u>5/1/2007</u>	
% Moisture: r	not dec.	7.014		Date A	nalyzed: <u>5/8/2007</u>	
GC Column: _		ID:	(mm)	Diluti	on Factor: 1	_
Soil Extract	Volume:	(uL)	Soil A	liquot Volume:	(uL)
CAS NO.	СОМРОИ	ND			ENTRATION UNITS:	Q
108-10-1	4-Methyl	-2-Pentanone			11	U
108-88-3	Toluene				0.2	JB
10061-02-6	trans-1,	3-Dichloropr	opene		5.3	U
79-00-5	1,1,2-Tr	ichloroethan	e		5.3	U
127-18-4	Tetrachlo	roethene			5.3	U
591-78-6	2-Hexanor	ne			11	U
124-48-1	Dibromocl	loromethane			5.3	U
106-93-4	1,2-Dibro	omoethane			5.3	Ü
108-90-7	Chlorober	nzene			5.3	U
100-41-4	Ethylben	ene			5.3	U
95-47-6	o-Xylene				5.3	U
179601-23-1	m,p-Xyler	ie			5.3	U
100-42-5	Styrene				5.3	U
75-25-2	Bromoform	n ·			5.3	U
98-82-8	Isopropy.	benzene			5.3	U
79-34-5		etrachloroe	thane		5.3	
541-73-1		orobenzene			5.3	
106-46-7		orobenzene		· · · · · · · · · · · · · · · · · · ·	5.3	
95-50-1		orobenzene			5.3	
96-12-8		mo-3-chloro	oropane		5.3	
120-82-1		chlorobenze			5.3	
87-61-6		chlorobenze			5.3	

EPA SAMPLE NO.

Lab Name: I	OataChem Laboratories, Inc. Contract:		H1PZ (BGH-SB(2	
-	DATAC Case No.: 36335 SAS No.		SDG No.: H	
_				
matrix: (SOI	l/water) SOIL I	Lab Sample ID:	/1220120	713
Sample wt/vo	1: 4.3 (g/mL) g	ab File ID:		
Level: (low/	ned) LOW	Date Received:	5/1/2007	
% Moisture:	not dec. 16.719	Date Analyzed:	5/8/2007	
GC Column:	ID:(mm) E	Dilution Facto	r: 1	
Soil Extract		Soil Aliquot V		
CAS NO.	COMPOUND	CONCENTRATIO		Q -
75-71-8	Dichlorodifluoromethane		7	υ
74-87-3	Chloromethane		7	[ט
75-01-4	Vinyl chloride		7	U
74-83-9	Bromomethane		7	U
75-00-3	Chloroethane		7	Ū
75-69-4	Trichlorofluoromethane		7	U
75-35-4	1,1-Dichloroethene		7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane		7	ט
67-64-1	Acetone		14	Ū
75-15-0	Carbon disulfide		7	U
79-20-9	Methyl acetate		7	Ū
75-09-2	Methylene chloride		1.5	JB
156-60-5	trans-1,2-Dichloroethene		7	υ
1634-04-4	Methyl tert-butyl ether		7	U
75-34-3	1,1-Dichloroethane		7	U
156-59-2	cis-1,2-Dichloroethene		7	Ü
78-93-3	2-Butanone	T	14	U
74-97-5	Bromochloromethane	1	7	U
67-66-3	Chloroform		7	U
71-55-6	1,1,1-Trichloroethane		7	U
110-82-7	Cyclohexane		7	U
56-23-5	Carbon tetrachloride		7	U
71-43-2	Benzene		7	U
107-06-2	1,2-Dichloroethane		7	U
123-91-1	1,4-Dioxane	1	140	U
79-01-6	Trichloroethene		7	U
108-87-2	Methylcyclohexane		7	U
78-87-5	1,2-Dichloropropane		7	Ŭ
75-27-4	Bromodichloromethane		7	Ŭ .

Form I VOA-33 (e-form)

cis-1,3-Dichloropropene

75-27-4 10061-01-5

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PZ9 (BGH-SB(2)-68) Lab Name: DataChem Laboratories, Inc. Contract: SAS No.: SDG No.: H1PY8 Lab Code: DATAC Case No.: 36335 Matrix: (soil/water) SOIL Lab Sample ID: 7122012013 Lab File ID: Sample wt/vol: 4.3 (g/mL) g Date Received: 5/1/2007 Level: (low/med) LOW % Moisture: not dec. 16.719 Date Analyzed: 5/8/2007 GC Column: ID: (mm) Dilution Factor: 1 Soil Aliquot Volume: (uL) Soil Extract Volume: (uL) CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg 108-10-1 4-Methyl-2-Pentanone 108-88-3 Toluene 10061-02-6 trans-1,3-Dichloropropene 79-00-5 1,1,2-Trichloroethane 127-18-4 Tetrachloroethene 591-78-6 2-Hexanone 14 U 124-48-1 Dibromochloromethane 7 U 106-93-4 1,2-Dibromoethane 7 0 7 U 108-90-7 Chlorobenzene 100-41-4 Ethylbenzene 7 U 95-47-6 o-Xylene 7 U 179601-23-1 m,p-Xylene 7 U 100-42-5 7 U Styrene 7 U 75-25-2 Bromoform 7 U 98-82-8 Isopropylbenzene 7 U 79-34-5 1,1,2,2-Tetrachloroethane 7 U 541-73-1 1,3-Dichlorobenzene 106-46-7 1,4-Dichlorobenzene 95-50-1 1,2-Dichlorobenzene 7 U 96-12-8 1,2-Dibromo-3-chloropropane 120-82-1 1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

87-61-6

EPA SAMPLE NO.

Lab Name: D	ataChem Laboratories, Inc. Contract:	(BGH-SB(2)-70)
Lab Code: D	ATAC Case No.: 36335 SAS N	O.: SDG NO.: H1PY8
Matrix: (soil	/water) SOIL I	Cab Sample ID:7122012015
Sample wt/vol	: 4.09 (g/mL) g	Lab File ID:
Level: (low/m	ed) <u>LOW</u> I	Date Received: 5/1/2007
% Moisture: n	ot dec. 9.7606	Date Analyzed: 5/8/2007
GC Column:	ID: (mm)	Dilution Factor: 1
Soil Extract	Volume: (uL)	Soil Aliquot Volume:(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/kg
75-71-8	Dichlorodifluoromethane	6.8 U
74-87-3	Chloromethane	6.8 U
75-01-4	Vinyl chloride	6.8 U
74-83-9	Bromomethane	6.8 U
75-00-3	Chloroethane	6.8 U
75-69-4	Trichlorofluoromethane	6.8 U
75-35-4	1,1-Dichloroethene	6.8 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.8 U
67-64-1	Acetone	14 U
75-15-0	Carbon disulfide	6.8 U
79-20-9	Methyl acetate	6.8 U
75-09-2	Methylene chloride	1.3 JB
156-60-5	trans-1,2-Dichloroethene	6.8 U
1634-04-4	Methyl tert-butyl ether	6.8 U
75-34-3	1,1-Dichloroethane	6.8 U
156-59-2	cis-1,2-Dichloroethene	6.8 U
78-93-3	2-Butanone	14 U
74-97-5	Bromochloromethane	6.8 U
67-66-3	Chloroform	6.8 U
71-55-6	1.1.1-Trichloroethane	6.8 U
110-82-7	Cyclohexane	6.8 U
56-23-5	Carbon tetrachloride	6.8U
71-43-2	Benzene	6.8 U
107-06-2	1,2-Dichloroethane	6.8 U
123-91-1	1,4-Dioxane	140 U
79-01-6	Trichloroethene	6.8 U
108-87-2	Methylcyclohexane	6.8 U

Form I VOA-39 (e-form)

78-87-5

75-27-4

10061-01-5

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

, I o

OLM04.2

87-61-6

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1Q01 (BGH-SB(2)-70) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PY8 Lab Sample ID: __7122012015 Matrix: (soil/water) SOIL Lab File ID: Sample wt/vol: 4.09 (g/mL) g Date Received: 5/1/2007 Level: (low/med) % Moisture: not dec. 9.7606 Date Analyzed: 5/8/2007 GC Column: Dilution Factor: 1 Soil Extract Volume: Soil Aliquot Volume: (uL) CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg 108-10-1 4-Methyl-2-Pentanone 14 U 108-88-3 Toluene 0.36 JB 10061-02-6 trans-1,3-Dichloropropene 6.8 U 79-00-5 1,1,2-Trichloroethane 6.8 U 127-18-4 Tetrachloroethene 6.8U 591-78-6 2-Hexanone 14 U 124-48-1 Dibromochloromethane 6.8 U 106-93-4 1,2-Dibromoethane 6.8 U 108-90-7 Chlorobenzene 6.8 U

1,2,3-Trichlorobenzene

EPA SAMPLE NO.

	VOLATIDE ONGANICO ANADISIS DAIA	
Lab Name: Da	ataChem Laboratories, Inc. Contract:	H1Q03 (BGH-SB(2)-51)
Lab Code: Da	ATAC Case No.: 36335 SAS No.	o.: SDG No.: H1PY8
Matrix: (soil	/water) <u>SOIL</u> L	ab Sample ID:7122012017
Sample wt/vol	: <u>4.65</u> (g/mL) <u>g</u> L	ab File ID:
Level: (low/m	ed) LOW D	ate Received: 5/1/2007
% Moisture: no	ot dec. <u>9.3398</u>	ate Analyzed: 5/8/2007
GC Column:	ID: (mm) D	ilution Factor: 1
Soil Extract V	Volume:(uL) S	oil Aliquot Volume:(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/kg
75-71-8	Dichlorodifluoromethane	. 5.9 U
74-87-3	Chloromethane	5.9 U
75-01-4	Vinyl chloride	5.9 U
74-83-9	Bromomethane	5.9 U
75-00-3	Chloroethane	5.9 υ
75-69-4	Trichlorofluoromethane	5.9 U
75-35-4	1,1-Dichloroethene	5.9 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.9 U
67-64-1	Acetone	12 U
75-15-0	Carbon disulfide	5.9 U
79-20-9	Methyl acetate	5.9 U
75-09-2	Methylene chloride	0.95 JB

Form I VOA-45 (e-form)

156-60-5

75-34-3

78-93-3

74-97-5

67-66-3

71-55-6

110-82-7

56-23-5

71-43-2

107-06-2

123-91-1

79-01-6

108-87-2

78-87-5

75-27-4

10061-01-5

156-59-2

1634-04-4

trans-1,2-Dichloroethene

Methyl tert-butyl ether

cis-1,2-Dichloroethene

1,1-Dichloroethane

Bromochloromethane

1,1,1-Trichloroethane

Carbon tetrachloride

1,2-Dichloroethane

2-Butanone

Chloroform

Cyclohexane

1,4-Dioxane

Trichloroethene

Methylcyclohexane

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

Benzene

OLM04.2

5.9 U

5.9 U

5.9 U

12 U

5.9 U

120 U

5.9 บ

5.9 U

5.9 U

5.9 U

5.9 U

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem Laboratories, Inc.	Contract:	(BGH-SB(2)-51)
•			
Lab Code:	DATAC Case No.: 36335	SAS_No.:	SDG No.: HIPYB
Matrix: (soi	l/water) SOIL	Lab Sample ID:	7122012017
Sample wt/vo	ol: 4.65 (g/mL) g	Lab File ID:	
Level: (low/	med) <u>LOW</u>	Date Received:	5/1/2007
% Moisture:	not dec. 9.3398	Date Analyzed:	5/8/2007
GC Column:	ID: (mm)	Dilution Facto	r: <u>1</u>
Soil Extract	Volume: (uL)	Soil Aliquot V	olume:(uL)
CAS NO.	COMPOUND	CONCENTRATIO	N UNITS: Q
		(ug/L or ug/	Kg) ug/kg
108-10-1	4-Methyl-2-Pentanone		12 U
108-88-3	Toluene		5.9 U
10061-02-6	trans-1,3-Dichloropropene		5.9 U
79-00-5	1,1,2-Trichloroethane		5.9 U
127-18-4	Tetrachloroethene		. 5.9 U
591-78-6	2-Hexanone		12 U
124-48-1	Dibromochloromethane		5.9 U
106-93-4	1,2-Dibromoethane		5.90
108-90-7	Chlorobenzene		5.9 U
100-41-4	Ethylbenzene		5.9 U
95-47-6	o-Xylene		5.9 U
179601-23-1	m,p-Xylene		5.9 U
100-42-5	Styrene		5.9 U
75-25-2	Bromoform		5.9 U
98-82-8	Isopropylbenzene		5.9 U
79-34-5	1,1,2,2-Tetrachloroethane		5.9 U
541-73-1	1,3-Dichlorobenzene		5.9 U
106-46-7	1,4-Dichlorobenzene		5.9 U
95-50-1	1,2-Dichlorobenzene		5.9 U
96-12-8	1,2-Dibromo-3-chloropropane		5.9 U
120-82-1	1,2,4-Trichlorobenzene		5.9 U
87-61-6	1,2,3-Trichlorobenzene		5.9 U

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories, Inc. Cont	H1Q04 ract: (BGH-SS(20)-51)
Lab Code:	DATAC Case No.: 36335	SAS No.: SDG No.: H1PY8
Matrix; (so	il/water) SOIL	Lab Sample ID: 7122012018
Sample wt/v	ol: 4.66 (g/mL) g	Lab File ID:
Level: (low	/med) LOW	Date Received: 5/1/2007
% Moisture:	not dec. 5.2529	Date Analyzed: 5/8/2007
	ID: (mm)	Dilution Factor: 1
Soil Extract	Volume:(uL)	Soil Aliguot Volume:(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/kg
75-71-8	Dichlorodifluoromethane	5 . 7 U
74-87-3	Chloromethane	5.7 บ
75-01-4	Vinyl chloride	5.7 U
74-83-9	Bromomethane	5.7 บ
75-00-3	Chloroethane	5.7 U
75-69-4	Trichlorofluoromethane	5.7 U
75-35-4	1,1-Dichloroethene	5.7 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroet	thane 5.7 U
67-64-1	Acetone	11 U
75-15-0	Carbon disulfide	5.7 U
79-20-9	Methyl acetate	5.7 U
75-09-2	Methylene chloride	0.88 JB
156-60-5	trans-1,2-Dichloroethene	5.7 U
1634-04-4	Methyl tert-butyl ether	5.7 U
75-34-3	1,1-Dichloroethane	5.7 U
156-59-2	cis-1,2-Dichloroethene	5.7 U
78-93-3	2-Butanone	11 U
74-97-5	Bromochloromethane	5.7 U
67-66-3	Chloroform	5.7 U
71-55-6	1,1,1-Trichloroethane	5.7 U

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ah Namo. D	ataChem Laboratories, Inc.	Contract	H1Q04 (BGH-SS(20)-51)
_			
ab Code: <u>D</u>	ATAC Case No.: 36335	SAS No.:	SDG No.: H1PY8
Matrix: (soil	/water) <u>SOIL</u>	Lab Sample ID:	7122012018
Sample wt/vol	: 4.66 (g/mL) g	Lab File ID:	
evel: (low/m	ed) LOW	Date Received:	5/1/2007
Moisture: n	ot dec. <u>5.2529</u>	Date Analyzed:	5/8/2007
C Column: _	ID:(mm)	Dilution Facto	r: <u>1</u>
oil Extract	Volume:(uL)	Soil Aliquot V	olume:(uL)
CAS NO.	COMPOUND	CONCENTRATIC	N UNITS: Q
		(ug/L or ug/	Kg) ug/kg
08-10-1	4-Methyl-2-Pentanone		11 U
08-88-3	Toluene		0.19 JB
0061-02-6	trans-1,3-Dichloropropene		5.7 U
9-00-5	1,1,2-Trichloroethane		5.7 U
27-18-4	Tetrachloroethene		5.7 U
91-78-6	2-Hexanone		11 U
24-48-1	Dibromochloromethane		5.7 U
06-93-4	1,2-Dibromoethane		5.7 U
08-90-7	Chlorobenzene	—— -	5.7 U
00-41-4	Ethylbenzene	—————	5.7 U
5-47-6	o-Xylene		5.7 U
79601-23-1	m,p-Xylene		5.7 U
00-42-5	Styrene		5.7 U
5-25-2	Bromoform	- ·	5.7 U
8-82-8	Isopropylbenzene		5.7 U
9-34-5	1,1,2,2-Tetrachloroethane		5.7 U
41-73-1	1,3-Dichlorobenzene		5.7 U
06-46-7	1,4-Dichlorobenzene		5.7 U
5-50-1	1,2-Dichlorobenzene		5.7 U
6-12-8	1,2-Dibromo-3-chloropropane	——————————————————————————————————————	5.7 U
20-82-1	1,2,4-Trichlorobenzene		5.7 U
7-61-6	1,2,3-Trichlorobenzene		5.7 U

110-82-7

56-23-5

71-43-2

107-06-2

123-91-1

79-01-6

108-87-2

78-87-5

75-27-4

10061-01-5

Cyclohexane

1,4-Dioxane

Trichloroethene

Methylcyclohexane

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

Benzene

Carbon tetrachloride

1,2-Dichloroethane

5.7 U 5.7 บ

5.7 U

5.7 U

110 U

5.7 U

5.7 U

5.7 ป

5.7 U

5.7 U

EPA SAMPLE NO.

H1Q05

Lab Name: D	ataChem Laboratories, Inc. Contract:	(BGH-SS(20)-57)
	ATAC Case No.: 36335 SAS No	
Matrix: (soil	/water) SOIL L	ab Sample ID: 7122012019
Sample wt/vol	: <u>4.18</u> (g/mL) <u>g</u> L	ab File ID:
Level: (low/m	ed) <u>LOW</u> D	ate Received: 5/1/2007
% Moisture: n	ot dec. 5.12 D	ate Analyzed: 5/8/2007
GC Column:	ID: (mm) D	ilution Factor: 1
Soil Extract	Volume:(uL) S	oil Aliquot Volume:(uL
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/kg
75-71-8	Dichlorodifluoromethane	6.3 U
74-87-3	Chloromethane	6.3 U
75-01-4	Vinyl chloride	6.3 U
74-83-9	Bromomethane	6.3 U
75-00-3	Chloroethane	6.3 U
75-69-4	Trichlorofluoromethane	6.3 U
75-35-4	1,1-Dichloroethene	6.3 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.3 U
67-64-1	Acetone	13 U
75~15-0	Carbon disulfide	6.3 U
79-20-9	Methyl acetate	6.3 U
75-09-2	Methylene chloride	0.98 JB
156-60-5	trans-1,2-Dichloroethene	6.3 U
1634-04-4	Methyl tert-butyl ether	6.3 U
75-34-3	1,1-Dichloroethane	6.3 U
156-59-2	cis-1,2-Dichloroethene	6.3 U
78-93-3	2-Butanone	13 U
74-97-5	Bromochloromethane	6.3 U
67-66-3	Chloroform	6.3 U
71-55-6	1,1,1-Trichloroethane	6.3 U
110-82-7	Cyclohexane	6.3 U
56-23-5	Carbon tetrachloride	6.3 U
71-43-2	Benzene	6.3 U
107-06-2	1,2-Dichloroethane	6.3 U
123-91-1	1,4-Dioxane	130 U
79-01-6	Trichloroethene	6.3 U
108-87-2	Methylcyclohexane	6.3 U
78-87-5	1,2-Dichloropropane	6.3 U
75-27-4	Bromodichloromethane	6.3 U
10061-01-5	cis-1,3-Dichloropropene	6.3 U

Form I VOA-57 (e-form)

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1005 (BGH-SS(20)-57) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: Hlpy8 Matrix: (soil/water) SOIL Lab Sample ID: 7122012019 Sample wt/vol: 4.18 (g/mL) g Lab File ID: Date Received: 5/1/2007 Level: (low/med) LOW Date Analyzed: 5/8/2007 % Moisture: not dec. 5.12 GC Column: ____ ID: ____ (mm) Dilution Factor: 1 Soil Aliquot Volume: Soil Extract Volume: ____(uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg 4-Methyl-2-Pentanone 108-10-1 108-88-3 Toluene 6.3 U 6.3 U 10061-02-6 trans-1,3-Dichloropropene 6.3 U 79-00-5 1,1,2-Trichloroethane 6.3 U 127-18-4 Tetrachloroethene 591-78-6 2-Hexanone 13 U 124-48-1 Dibromochloromethane 6.3 U 6.3 U 106-93-4 1,2-Dibromoethane 6.3 U 108-90-7 Chlorobenzene 100-41-4 6.3 U Ethylbenzene 95-47-6 6.3 U o-Xylene 6.3 U 179601-23-1 m,p-Xylene 6.3 U 100-42-5 Styrene 75-25-2 6.3 U Bromoform 6.3 U 98-82-8 Isopropylbenzene 79-34-5 6.3 U 1,1,2,2-Tetrachloroethane 541-73-1 1,3-Dichlorobenzene 6.3 U 6.3 U 106-46-7 1,4-Dichlorobenzene 6.3 U 95-50-1 1,2-Dichlorobenzene 6.3 U 96-12-8 1,2-Dibromo-3-chloropropane 6.3 U 120-82-1 1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

87-61-6

6.3 U

EPA SAMPLE NO.

Lab Name: DataChem La	aboratories, Inc. Co	ntráct:	H1Q06 (BGH-SS(22)-51)
Lab Code: DATAC	Case No.: 36335	SAS No.:	SDG No.: H1PY8
Matrix: (soil/water)	SOIL	Lab Sample ID:	7122012020
Sample wt/vol: 6.34	_(g/mL) <u>g</u>	Lab File ID:	
Level: (low/med) LOW		Date Received:	5/1/2007
Moisture: not dec.	15.595	Date Analyzed:	5/8/2007
GC Column:	ID:(mm)	Dilution Facto	r: <u>1</u>
Soil Extract Volume:	(uL)	Soil Aliquot V	olume: (uL)

CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg 75-71-8 Dichlorodifluoromethane 4.7 U Chloromethane 74-87-3 4.7 U 75-01-4 Vinyl chloride 4.7 U 74-83-9 Bromomethane 4.7 U 75-00-3 Chloroethane 4.7 U 75-69-4 Trichlorofluoromethane 4.7 U 75-35-4 1,1-Dichloroethene 4.7 U 76-13-1 1,1,2-Trichloro-1,2,2-trifluoroethane 4.7 U 67-64-1 Acetone 9.3 U 75-15-0 Carbon disulfide 4.7 U 79-20-9 Methyl acetate 4.7 U 75-09-2 Methylene chloride 0.6 JB 156-60-5 trans-1,2-Dichloroethene 4.7 U 1634-04-4 Methyl tert-butyl ether 4.7 U 75-34-3 1,1-Dichloroethane 4.7 U 156-59-2 4.7 U cis-1,2-Dichloroethene 78-93-3 2-Butanone 9.3 U 74-97-5 Bromochloromethane 4.7 U 67-66-3 4.7 U Chloroform 71-55-6 1,1,1-Trichloroethane 4.7 U 110-82-7 Cyclohexane 4.7 U 56-23-5 Carbon tetrachloride 4.7 U 71-43-2 Benzene 4.7 U 107-06-2 1,2-Dichloroethane 4.7 U 123-91-1 1,4-Dioxane 93 U 79-01-6 Trichloroethene 4.7 U 108-87-2 Methylcyclohexane 4.7 U 78-87-5 4.7 U 1,2-Dichloropropane 75-27-4 Bromodichloromethane 4.7U

Form I VOA-63 (e-form)

cis-1,3-Dichloropropene

10061-01-5

OLM04.2

4.7JU

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

	VOLATILE ORGANICS AN	WILDIS DAIM SUEEL	
Lab Name: Da	ataChem Laboratories, Inc.	Contract:	H1Q06 (BGH-SS(22)-51)
Lab Code: Di	ATAC Case No.: 36335	SAS No.:	SDG No.: H1PY8
Matrix: (soil	/water) SOIL	Lab Sample ID:	7122012020
Sample wt/vol	: 6.34 (g/mL) g	Lab File ID:	
Level: (low/m	ed) LOW	Date Received:	5/1/2007
% Moisture: no	ot dec. <u>15.595</u>	Date Analyzed:	5/8/2007
GC Column:	ID:(mm)	Dilution Facto	or: <u>1</u>
Soil Extract	Volume:(uL)	Soil Aliquot V	olume:(uL)
CAS NO.			ON UNITS: Q /Kg) ug/kg
108-10-1	4-Methyl-2-Pentanone		9.3 ປ
108-88-3	Toluene		4.7 U
10061-02-6	trans-1,3-Dichloropropene		4.7U
79-00-5	1,1,2-Trichloroethane	· · · · · · · · · · · · · · · · · · ·	4.7 U
127-18-4	Tetrachloroethene		4.7 U
591-78-6	2-Hexanone		9.3 U
124-48-1	Dibromochloromethane		4.7 U
106-93-4	1,2-Dibromoethane		4.7 U
108-90-7	Chlorobenzene		4.7 U
100-41-4	Ethylbenzene		4.7 U
95-47-6	o-Xylene		4.7 U
179601-23-1	m,p-Xylene		4.7 U
100-42-5	Styrene		4.7U
75-25-2	Bromoform		4.7 U
98-82-8	Isopropylbenzene		4.7 U
79-34-5	1,1,2,2-Tetrachloroethane		4.7 U
541-73-1	1,3-Dichlorobenzene		4.7 U
106-46-7	1,4-Dichlorobenzene		4.7 U
95-50-1	1,2-Dichlorobenzene		4.7 U
96-12-8	1,2-Dibromo-3-chloropropane		4.7 U
120-82-1	1,2,4-Trichlorobenzene		4.7 U
87-61-6	1,2,3-Trichlorobenzene		4.7 U

EPA SAMPLE NO.

I.ah Name: T	OataChem Laboratories, Inc. Contract:	(BGH-SB(2)-72)
	· · · · · · · · · · · · · · · · · · ·		
	DATAC Case No.: 36335 SAS No	.: SDG No.: HIPX7	_
Matrix: (soil,	/water) SOIL La	ab Sample ID: 7122008001	
Sample wt/vol:	: <u>5.32</u> (g/mL) <u>g</u> La	ab File ID:	_
Level: (low/me	ed) LOW Da	ate Received:05/01/2007	
% Moisture: no	ot dec14.24	ate Analyzed: 5/4/2007	
GC Column:	ID:(mm) Di	llution Factor: 1	
		oil Aliquot Volume:(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/kg	
75-71-8	Dichlorodifluoromethane	5.5 U	
74-87-3	Chloromethane	5.5 U	
75-01-4	Vinyl chloride	. 5.5 U	
74-83-9	Bromomethane	5.5 U	
75-00-3	Chloroethane	5.5 U	
75-69-4	Trichlorofluoromethane	5.5 U	
75-35-4	1,1-Dichloroethene	5.5 U	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.5 U	
67-64-1	Acetone	11 U	
75-15-0	Carbon disulfide	5.5 U	
79-20-9	Methyl acetate	5.5 U	
75-09-2	Methylene chloride	5.5 U	
156-60-5	trans-1,2-Dichloroethene	5.5 U	
1634-04-4	Methyl tert-butyl ether	5.5 U	
75-34-3	1,1-Dichloroethane	5.5 U	$\overline{}$
156-59-2	cis-1,2-Dichloroethene	5.5 U	-
78-93-3	2-Butanone	11 U	
74-97-5	Bromochloromethane	5.5 U	\neg
67-66-3	Chloroform	5.5 U	-
71-55-6	1,1,1-Trichloroethane	5.5 U	
110-82-7	Cyclohexane	5.5 ป	
56-23-5	Carbon tetrachloride	5.5 U	\neg
71-43-2	Benzene	5.5 U	
107-06-2	1,2-Dichloroethane	5.5 U	\neg
123-91-1	1,4-Dioxane	110 U	\neg
79-01-6	Trichloroethene	5.5 U	-

Form I VOA-49 (e-form)

108-87-2

78-87-5

75-27-4

10061-01-5

Methylcyclohexane

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

OLM04.2

5.5 ช

5.5 U

87-61-6

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories, Inc. Con	tract: (BGH-SB(2)-7)	2)
Lab Code:	DATAC Case No.: 36335	SAS No.: SDG No.: H1PX	7
Matrix: (soil	/water) SOIL	Lab Sample ID:7122008001	
Sample wt/vol	: 5.32 (g/mL) g	Lab File ID:	
Level: (low/m		Date Received: 05/01/2007	_
% Moisture: n	ot dec. 14.24	Date Analyzed: 5/4/2007	
			
	ID: (mm)	Dilution Factor: 1	
Soil Extract	Volume: (uL)	Soil Aliquot Volume:	(uL)
CAC NO	COMPOUND	CONCENTRATION UNITS:	^
CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/kg	Q
	· · · · · · · · · · · · · · · · · · ·		
108-10-1	4-Methyl-2-Pentanone	11 U	
108-88-3	Toluene	5.5 U	
10061-02-6	trans-1,3-Dichloropropene	5.5 U	
79-00-5	1,1,2-Trichloroethane	5.5 U	
127-18-4	Tetrachloroethene	5.5 U	
591-78-6	2-Hexanone	11 U	
124-48-1	Dibromochloromethane	5.5 U	
106-93-4	1,2-Dibromoethane	5.5 U	
108-90-7	Chlorobenzene	5.5 Ū	
100-41-4	Ethylbenzene	5.5 บ	
95-47-6	o-Xylene	5.5 U	
179601-23-1	m,p-Xylene	5.5 U	
100-42-5	Styrene	5.5 U	
75-25-2	Bromoform ·	5.5 U	
98-82-8	Isopropylbenzene	5.5 U	
79-34-5	1,1,2,2-Tetrachloroethane	5.5 U	
541-73-1	1,3-Dichlorobenzene	5.5 U	
106-46-7	1,4-Dichlorobenzene	5.5 U	
95-50-1	1,2-Dichlorobenzene	5.5 U	
96-12-8	1,2-Dibromo-3-chloropropane	5.5 U	
120-82-1	1,2,4-Trichlorobenzene	5.5 U	

1,2,3-Trichlorobenzene

1A (e-form)

	VOLATILE ORGANICS ANALYSIS DATA	SHEET
Lab Name:	DataChem Laboratories, Inc. Contract:	H1YC8 (BGH-SB(2)-69)
Lab Code:	ATAC Case No.: 36335 SAS No.	o.: SDG No.: <u>H1PX7</u>
Matrix: (soil	(water) SOIL L	ab Sample ID: 7122008003
Sample wt/vol:	4.68 (g/mL) <u>g</u> L	ab File ID:
Level: (low/me	ed) LOW D	Date Received: 05/01/2007
% Moisture: no	ot dec. <u>6.9307</u>	Date Analyzed: 5/4/2007
GC Column:	ID: (mm) D	oilution Factor: 1
Soil Extract V	volume: (uL) S	oil Aliquot Volume: (uL)
		
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/Kg) ug/kg
75-71-8	Dichlorodifluoromethane	5.7 U
74-87-3	Chloromethane	5.7 U
75-01-4	Vinyl chloride	5.7 U
74-83-9	Bromomethane	5.7 U
75-00-3	Chloroethane	5.7 U
75-69-4	Trichlorofluoromethane	5.7 0
75-35-4	1,1-Dichloroethene	5.7 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.7 U
67-64-1	Acetone	11 U
75-15-0	Carbon disulfide	5.7 U
79-20-9	Methyl acetate	5.7 บ
75-09-2	Methylene chloride	5.7 U
156-60-5	trans-1,2-Dichloroethene	5.7 U
1634-04-4	Methyl tert-butyl ether	5 7 11

EPA SAMPLE NO.

541-73-1

106-46-7

95-50-1

96-12-8

120-82-1

87-61-6

1,3-Dichlorobenzene

1.4-Dichlorobenzene

1.2-Dichlorobenzene

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

1,2-Dibromo-3-chloropropane

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

Lab Name: [DataChem Laboratories, Inc.	Contract: H1YC8 (BGH-SB(2)	
Lab Code: I	DATAC Case No.: 36335	SAS No.: SDG No.: H3	1PX7
Matrix: (soil	/water) SOIL	Lab Sample ID: 712200800	03
Sample wt/vol	: 4.68 (g/mL) g	Lab File ID:	
Level: (low/me	ed) LOW	Date Received: 05/01/200	07
% Moisture: no	ot dec. 6.9307	Date Analyzed: 5/4/2007	_
GC Column:	ID: (mm)	Dilution Factor: 1	
Soil Extract \	/olume: (uL)	Soil Aliquot Volume:	(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
108-10-1	4-Methyl-2-Pentanone	11	U
108-88-3	Toluene	0.23	JВ
10061-02-6	trans-1,3-Dichloropropene	5.7	υ
79-00-5	1,1,2-Trichloroethane	5.7	U
127-18-4	Tetrachloroethene	5.7	U
591-78-6	2-Hexanone	11	U
124-48-1	Dibromochloromethane	5.7	U
106-93-4	1,2-Dibromoethane	5.7	U
108-90-7	Chlorobenzene	5.7	υ
100-41-4	Ethylbenzene	5.7	U
95-47-6	o-Xylene	5.7	U
179601-23-1	m,p-Xylene	5.7	U
100-42-5	Styrene	5.7	ŭ
75-25-2	Bromoform	5.7	U
98-82-8	Isopropylbenzene	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	Ü

75-34-3

156-59-2

78-93-3

74-97-5

67-66-3

71-55-6

110-82-7

56-23-5

71-43-2

107-06-2

123-91-1

79-01-6

108-87-2

78-87-5

75-27-4

10061-01-5

1.1-Dichloroethane

Bromochloromethane

1,1,1-Trichloroethane

Carbon tetrachloride

1,2-Dichloroethane

2-Butanone

Chloroform

Cyclohexane

1,4-Dioxane

Trichloroethene

Methylcyclohexane

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

Benzene

cis-1,2-Dichloroethene

5.7 ປ

5.7 U

11 U

5.7 U

5.7 ช

5.7 U

5.7 U

5.7 U

5.7 U

5.7 U

110 U

5.7 U

5.7 U

5.7 U

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5.7. U

5.7 บ

5.7 U

5.7 U

5.7 U

EPA SAMPLE NO.

H1YD0

Lab Name:	DataChem Laboratories, Inc. Contract:	(BGH-SB(2)-73	L)
Lab Code:	DATAC Case No.: 36335 SAS No	.: SDG No.: H1PX	7
Matrix: (soil	/water) SOIL La	ab Sample ID: 7122008005	
Sample wt/vol	: <u>3.94</u> (g/mL) <u>g</u> La	ab File ID:	_
Level: (low/m	ed) <u>LOW</u> Da	te Received:05/01/2007	
% Moisture: n	ot dec. 9.707	ate Analyzed: 5/4/2007	
GC Column: _	ID: (mm) Di	lution Factor: 1	
Soil Extract	Volume:(uL) Sc	oil Aliquot Volume:	(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg)
75-71-8	Dichlorodifluoromethane	7 U	
74-87-3	Chloromethane	. 7 U	
75-01-4	Vinyl chloride	7 U	
74-83-9	Bromomethane	7 U	
75-00-3	Chloroethane	7 0	
75-69-4	Trichlorofluoromethane	7 บ	
75-35-4	1,1-Dichloroethene	7 0	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	7 U	
67-64-1	Acetone	14 U	
75-15-0	Carbon disulfide	7 U	
79-20-9	Methyl acetate	7 ט	
75-09-2	Methylene chloride	ט 7	
156-60-5	trans-1,2-Dichloroethene	7 ט	
1634-04-4	Methyl tert-butyl ether	7 U	
75-34-3	1,1-Dichloroethane	7 ט	
156-59-2	cis-1,2-Dichloroethene	7 U	
78-93-3	2-Butanone	14 U	
74-97-5	Bromochloromethane	7 U	
67-66-3	Chloroform	7 ט	
71-55-6	1,1,1-Trichloroethane	7 U	
110-82-7	Cyclohexane	ט 7	
56-23-5	Carbon tetrachloride	7 U	
71-43-2	Benzene	7 ט	
107-06-2	1,2-Dichloroethane	7 U	
123-91-1	1,4-Dioxane	140 U	
79-01-6	Trichloroethene	7 U_	
108-87-2	Methylcyclohexane	7 U	
78-87-5	1,2-Dichloropropane	7 U	
75 27 4	Promodichloromethano	7 17	

Form I VOA-61 (e-form)

cis-1,3-Dichloropropene

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

b. 3	Data Chan Jahan tanàna Tanan Can		H1YD (BGH-SB(2	
_	DataChem Laboratories, Inc. Con			
Lab Code:	DATAC Case No.: 36335	SAS No.:	SDG No.: H	11 PX7
Matrix: (soil	/water) SOIL	Lab Sample ID:	71220080	05
Sample wt/vol	: 3.94 (g/mL) g	Lab File ID:		
Level: (low/m	ed) <u>LOW</u>	Date Received:	05/01/20	07
% Moisture: n	ot dec. 9.707	Date Analyzed:	5/4/2007	
GC Column: _	ID:(mm)	Dilution Facto	r: <u>1</u>	
Soil Extract	Volume:(uL)	Soil Aliquot V	olume:	(uL)
CAS NO.	COMPOUND	CONCENTRATIO	ON UNITS:	Q
		(ug/L or ug/	/Kg) ug/kg	
108-10-1	4-Methyl-2-Pentanone		14	Ū
108-88-3	Toluene		7	Ū
10061-02-6	trans-1,3-Dichloropropene		7	Ū
79-00-5	1,1,2-Trichloroethane		7	U
127-18-4	Tetrachloroethene		7	Ü
591-78-6	2-Hexanone		14	Ŭ
124-48-1	Dibromochloromethane		7	Ü
106-93-4	1.2-Dibromoethane		7	Ū
108-90-7	Chlorobenzene		7	Ū
100-41-4	Ethylbenzene		7	Ū
95-47-6	o-Xylene		7	Ü
179601-23-1	m,p-Xylene		7	Ū
100-42-5	Styrene		7	Ü
75-25-2	Bromoform		7	Ū
98-82-8	Isopropylbenzene		. 7	Ü
79-34-5	1.1.2.2-Tetrachloroethane	-	7	Ū
541-73-1	1.3-Dichlorobenzene		7	Ü
106-46-7	1.4-Dichlorobenzene		7	U
95-50-1	1.2-Dichlorobenzene		7	ti
96-12-8	1,2-Dibromo-3-chloropropane			Ü
120-82-1	1,2,4-Trichlorobenzene			Ü
87-61-6	1,2,3-Trichlorobenzene		7	Ū

EPA SAMPLE NO.

6.1 U

6.1 U

120 U

6.1 U

6.1 U

6.1 U

OLM04.2

6.1 U

I ab Name	DataChan Laboratories Inc. Control	H1YD2 (BGH-SB(2)-65)
-	DataChem Laboratories, Inc. Contract:	
Lab Code:	DATAC Case No.: 36335 SAS No.	o.: SDG No.: _H1PX7
Matrix: (soil	/water) SOIL L	ab Sample ID: 7122008007
Sample wt/vol	: 4.73 (g/mL) g	ab File ID:
Level: (low/m	ned) LOW E	Date Received: 05/01/2007
% Moisture: r	ot dec. 13.692	Date Analyzed: 5/4/2007
GC Column: _	ID:(mm)	oilution Factor: 1
Soil Extract	Volume:(uL) S	Soil Aliquot Volume:(uL)
		·
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q
5.15 1.5.	53M 53M	(ug/L or ug/Kg) ug/kg
75-71-8	Dichlorodifluoromethane	6.1 U
74-87-3	Chloromethane	6.1 U
75-01-4	Vinyl chloride	6.1 U
74-83-9	Bromomethane	6.1 U
75-00-3	Chloroethane	6.1 U
75-69-4	Trichlorofluoromethane	6.1 U
75-35-4	1,1-Dichloroethene	6.1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	
67-64-1	Acetone	12 U
75-15-0	Carbon disulfide	6.1 U
79-20-9	Methyl acetate	6.1 U
75-09-2	Methylene chloride	6.1 U
156-60-5	trans-1,2-Dichloroethene	6.1 U
1634-04-4	Methyl tert-butyl ether	6.1 U
75-34-3	1,1-Dichloroethane	6.1 U
156-59-2	cis-1,2-Dichloroethene	6.1 U
78-93-3	2-Butanone	12 U
74-97-5	Bromochloromethane	6.1 U
67-66-3	Chloroform	6.1 U
71-55-6	1,1,1-Trichloroethane	6.1 U
110-82-7	Cyclohexane	6.1 U
56-23-5	Carbon tetrachloride	6.1 U

Form I VOA-67 (e-form)

71-43-2

107-06-2

123-91-1

79-01-6

108-87-2

78-87-5

75-27-4

10061-01-5

Benzene

1,4-Dioxane

Trichloroethene

Methylcyclohexane

1,2-Dichloropropane

Bromodichloromethane

cis-1,3-Dichloropropene

1,2-Dichloroethane

1A (e-form)

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories, Inc.	Contract:	(BGH-SB(2)-65)
	DATAC Case No.: 36335		SDG No · H1PX7
_			*
Matrix: (soil	/water) SOIL	Lab Sample ID:	7122008007
Sample wt/vol	: 4.73 (g/mL) g	Lab File ID:	
Level: (low/m	ed) LOW	Date Received:	05/01/2007
% Moisture: n	ot dec. 13.692	Date Analyzed:	5/4/2007
GC Column:	ID: (mm)	Dilution Facto	or: <u>1</u>
Soil Extract	Volume: (uL)	Soil Aliquot V	/olume:(uL)
CAS NO.	COMPOUND		ON UNITS: Q /Kg) ug/kg
108-10-1	4-Methyl-2-Pentanone		12 U
108-88-3	Toluene		6.1 U
10061-02-6	trans-1,3-Dichloropropene		6.1 U
79-00-5	1,1,2-Trichloroethane		6.1 U
127-18-4	Tetrachloroethene		6.1 U
591-78-6	2-Hexanone		12 U
124-48-1	Dibromochloromethane		6.1 U
106-93-4	1,2-Dibromoethane		6.1 U
108-90-7	Chlorobenzene		6.1 U
100-41-4	Ethylbenzene		6.1 U
95-47-6	o-Xylene		6.1 U
179601-23-1	m,p-Xylene		6.1 U
100-42-5	Styrene		6.1 U
75-25-2	Bromoform		6:1 U
98-82-8	Isopropylbenzene		6.1 U
79-34-5	1,1,2,2-Tetrachloroethane		6.1 U
541-73-1	1,3-Dichlorobenzene		6.1 U
106-46-7	1,4-Dichlorobenzene		6.1 U
95-50-1	1,2-Dichlorobenzene		6.1 U

96-12-8

120-82-1

87-61-6

6.1 U

6.1 U

1,2-Dibromo-3-chloropropane

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories, Inc. Contract:	H1YD4 (BGH-SB(2)-67)
_	DATAC Case No.: 36335 SAS No	.: SDG No.: H1PX7
Matrix: (soil	/water) SOIL La	ab Sample ID: 7122008009
Sample wt/vol	: 5.36 (g/mL) g	ab File ID:
Level: (low/m		ate Received: 05/01/2007
		ate Analyzed: 5/4/2007
		ilution Factor: 1
Soil Extract	Volume: (uL) So	oil Aliquot Volume:(uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q
		(ug/L or ug/Kg) ug/kg
75-71-8	Dichlorodifluoromethane	5.1 U
74-87-3	Chloromethane	5.1 U
75-01-4	Vinyl chloride	5.1 U
74-83-9	Bromomethane	5.1 U
75-00-3	Chloroethane	5.1 U
75-69-4	Trichlorofluoromethane	5.1 U
75-35-4	1,1-Dichloroethene	5.1 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	5.1 U
67-64-1	Acetone	10 U
75-15-0	Carbon disulfide	5.1 U
79-20-9	Methyl acetate	5.1 U
75-09-2	Methylene chloride	0.55 JB
156-60-5	trans-1,2-Dichloroethene	5.1 U
1634-04-4	Methyl tert-butyl ether	5.1 U
75-34-3	1,1-Dichloroethane	5.1 U
156-59-2	cis-1,2-Dichloroethene	5.1 U
78-93-3	2-Butanone	10 U
74-97~5	Bromochloromethane	5.1 U
67-66-3	Chloroform	5.1 U
71-55-6	1,1,1-Trichloroethane	5.1 U
110-82-7	Cyclohexane	5.1 U
56-23-5	Carbon tetrachloride	5.1 U
71-43-2	Benzene	5.1 U_
107-06-2	1,2-Dichloroethane	5.1 U
123-91-1	1,4-Dioxane	100 U
79-01-6	Trichloroethene	5.1 U
108-87-2	Methylcyclohexane	5.1 U
78-87-5	1,2-Dichloropropane	5.1 U
75-27-4	Bromodichloromethane	5.1 U

Form I VOA-73 (e-form)

cis-1,3-Dichloropropene

10061-01-5

1A (e-form)

VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YD4

(BGH-SB(2)-67) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PX7 Matrix: (soil/water) Lab Sample ID: 7122008009 Lab File ID: ____ Sample wt/vol: 5.36 (g/mL) g Level: (low/med) LOW Date Received: 05/01/2007 Date Analyzed: 5/4/2007 % Moisture: not dec. 8.1996 GC Column: ____ ID: Dilution Factor: 1 Soil Aliquot Volume: (uL) Soil Extract Volume: (uL) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg 108-10-1 4-Methyl-2-Pentanone 108-88-3 Toluene 5.1 U 10061-02-6 trans-1,3-Dichloropropene 5.1 U 79-00-5 5.1 U 1,1,2-Trichloroethane 5.1 U 127-18-4 Tetrachloroethene 591-78-6 2-Hexanone 10 U 124-48-1 Dibromochloromethane 5.1 U 106-93-4 1.2-Dibromoethane 5.1 U 108-90-7 Chlorobenzene 5.1 U 100-41-4 Ethylbenzene 5.1 U 95-47-6 5.1 U o-Xylene 179601-23-1 5.1 U m,p-Xylene 100-42-5 Styrene 5.1 U 75-25-2 Bromoform 5.1 U 98-82-8 Isopropylbenzene 5.1 U 79-34-5 1,1,2,2-Tetrachloroethane 5.1 U 541-73-1 1.3-Dichlorobenzene 5.1 U 106-46-7 1.4-Dichlorobenzene 5.1 U 95-50-1 5.1 U 1,2-Dichlorobenzene 96-12-8 1,2-Dibromo-3-chloropropane 5.1 U 120-82-1 1,2,4-Trichlorobenzene 5.1 U 87-61-6 1,2,3-Trichlorobenzene 5.1 U

EPA SAMPLE NO.

	Deteches 1	_1				H1YD7 (BGH~SB(2)-55)	
		aboratories,					
Lab Code:	DATAC	Case No.:	36335	SAS N	o.:	SDG No.: H1PT8	
Matrix: (so	il/water)	SOIL	_	1	Lab Sample ID:	7122013002	
Sample wt/v	01: 4.88	(g/mL) <u>g</u>	_	1	Lab File ID:		
Level: (low	/med) LOW			1	Date Received:	5/1/2007	
% Moisture:	not dec.	5.7884		1	Date Analyzed:	5/8/2007	
GC Column:		ID:	(mm)		Dilution Facto		
Soil Extrac	t Volume:	(uL)	:	Soil Aliquot V	olume: (uL)	
CAS NO.	СОМРОС	N D			CONCENTRATIO		
75-71-8	Dichloro	difluorometh	ane		T T	5.4 U	
74-87-3	Chlorome	thane			1	5.4 U	
75-01-4	Vinyl ch					5.4 U	
74-83-9	Bromomet	nane				5.4 U	
75-00-3	Chloroet	nane				5.4 U	
75-69-4	Trichlor	fluorometha	ne		5.4 U		
75-35-4	1,1-Dich	loroethene			5.4 U		
76-13-1	1,1,2-Tr	ichloro-1,2,	2-triflu	oroethane		5.4 U	
67-64-1	Acetone					11 U	
75-15-0	Carbon d	isulfide				5.4 U	
79-20-9	Methyl a	cetate				5.4 U	
75-09-2	Methylen	chloride			1	0.8 JB	
156-60-5	trans-1,	2-Dichloroet	lene			5.4 U	
1634-04-4	Methyl to	ert-butyl et	ner			5.4 U	
75-34-3	1,1-Dich	loroethane				5.4 U	
156-59-2	cis-1,2-1	Dichloroethe	1e			5.4 U	
78-93-3	2-Butano	ıé				11 U	
74-97-5	Bromochlo	romethane				5.4 U	
67-66-3	Chlorofo	rm				5.4 U	
71-55-6	1,1,1-Tr	chloroethane	•			5.4 U	
110-82-7	Cyclohexa	ine				5.4 U	
56-23-5	Carbon to	etrachloride				5.4 U	
71-43-2	Benzene					5.4 U	
107-06-2	1,2-Dich	oroethane				5.4 U	
123-91-1	1,4-Dioxa	ine				110 U	
79-01-6	Trichlore	ethene				5.4 U	
108-87-2	Methylcy	lohexane				5 . 4 U	
78-87-5	1,2-Dich	oropropane				5.4 U	
75-27-4	Bromodic	loromethane				5.4 U	

Form I VOA-61 (e-form)

cis-1,3-Dichloropropene

10061-01-5

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name:	DataChem La	boratories,	Inc.	Contract:		(BGH-SB()	
•							
Lab Code:	DATAC	Case No.:	36335	SAS No	· · ·	SDG No.: H	1 PT8
Matrix: (soi	.l/water)	SOIL	•	Lá	ab Sample ID:	7122013	002
Sample wt/vo	1: 4.88	(g/mL) g		Li	ab File ID:		
Level: (low/	med) LOW	<u>_</u>		Da	ate Received:	5/1/2007	
% Moisture:	not dec.	5.7884		Da	ate Analyzed:	5/8/2007	
GC Column:		ID:	(mm)	· D:	ilution Facto	r: <u>1</u>	_
Soil Extract	Volume:	(u	L)	Sc	oil Aliquot V	olume:	· (uL
CAS NO.	COMPOU	ND			(ug/L or ug/		Q -
108-10-1	4-Methyl-	2-Pentanone					U
108-88-3	Toluene					5.4	U
10061-02-6	trans-1,3	-Dichloropro	pene			5.4	บ
79-00-5	1,1,2-Tri	chloroethane				5.4	U
127-18-4	Tetrachlo	roethene				5.4	U
591-78-6	2-Hexanor	е				11	U
124~48-1	Dibromoch	loromethane				5.4	U
106-93-4	1,2-Dibro	moethane				5.4	U
108-90-7	Chlorober	zene				5.4	U
100-41-4	Ethylbenz	ene				5.4	U
95-47-6	o-Xylene					5.4	Ū
179601-23-1	m,p-Xyler	е				5.4	U
100-42-5	Styrene					5.4	U
75-25-2	Bromoform					5.4	U
98-82-8	Isopropyl	benzene				5.4	U
79-34-5	1,1,2,2-T	etrachloroet	hane			5.4	U
541-73-1	1,3-Dichl	orobenzene				5.4	U
106-46-7	1,4-Dichl	orobenzene				5.4	U
95-50-1	1,2-Dichl	orobenzene				5.4	U
96-12-8	1,2-Dibro	mo-3-chlorop	ropane			_ 5.4	υ
120-82-1	1,2,4-Tri	chlorobenzen	e			5.4	U

1,2,3-Trichlorobenzene

87-61-6

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories, Inc. Contract:	(BGH-SS(20)-55)
	DATAC Case No.: 36335 SAS	
Matrix: (soi	l/water) SOIL	Lab Sample ID: 7122013003
Sample wt/vo	1: 4.87 (g/mL) g	Lab File ID:
Level: (low/	_	Date Received: 5/1/2007
% Moisture:	not dec. 25.114	Date Analyzed: 5/8/2007
GC Column:	ID: (mm)	Dilution Factor: 1
Soil Extract	Volume: (uL)	Soil Aliquot Volume: (uL)
CAS NO.	COMPOUND	CONCENTRATION UNITS: Q (ug/L or ug/kg) ug/kg
75-71-8	Dichlorodifluoromethane	6.9U
74-87-3	Chloromethane	6.9 U
75-01-4	Vinyl chloride	6.9 U
74-83-9	Bromomethane	6.9 U
75-00-3	Chloroethane	6.9 U
75-69-4	Trichlorofluoromethane	6.9 U
75-35-4	1,1-Dichloroethene	6.9 U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.9 U
67-64-1	Acetone	14 U
75-15-0	Carbon disulfide	6.9 U
79-20-9	Methyl acetate	6.9 U
75-09-2	Methylene chloride	1 JB
156-60-5	trans-1,2-Dichloroethene	6.9U
1634-04-4	Methyl tert-butyl ether	6.9 U
75-34-3	1,1-Dichloroethane	6.9 U
156-59-2	cis-1,2-Dichloroethene	6.9 U
78-93-3	2-Butanone	14 U
74-97-5	Bromochloromethane	6.9 U
67-66-3	Chloroform	6.9 U
71-55-6	1,1,1-Trichloroethane	6.9 U
110-82-7	Cyclohexane	6.9 U
56-23-5	Carbon tetrachloride	6.9 U
71-43-2	Benzene	6.9 U
107-06-2	1,2-Dichloroethane	6.9 U
123-91-1	1,4-Dioxane	140 U
79-01-6	Trichloroethene	6.9 U
108-87-2	Methylcyclohexane	6.9 U
78-87-5	1,2-Dichloropropane	6.9 U
75-27-4	Bromodichloromethane	6.9 U

Form I VOA-67 (e-form)

cis-1,3-Dichloropropene

10061-01-5

OLM04.2

108-90-7

100-41-4

179601-23-1

95-47-6

100-42-5

75-25-2

98-82-8

79-34-5

541-73-1

106-46-7

95-50-1

96-12-8

120-82-1

87-61-6

Chlorobenzene

Ethylbenzene

o-Xylene

Styrene

m,p-Xylene

Bromoform

Isopropylbenzene

1,3-Dichlorobenzene

1,4-Dichlorobenzene

1,2-Dichlorobenzene

1,2,4-Trichlorobenzene

1,2,3-Trichlorobenzene

1,1,2,2-Tetrachloroethane

1,2-Dibromo-3-chloropropane

1A (e-form) VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: I	DataChem La	aboratories,	Inc.	Contract:	H1YD: (BGH-SS(2	
Lab Code:	DATAC	Case No.:	36335	SAS No.:	SDG No.: H	LPT8
Matrix: (soil	l/water)	SOIL	_	Lab Sample ID:	71220130	003
Sample wt/vol	l: <u>4.87</u>	(g/mL) g	_	Lab File ID:		
Level: (low/m	ned) <u>LOW</u>			Date Received:	5/1/2007	
% Moisture: n	not dec.	25.114		Date Analyzed:	5/8/2007	
GC Column: _		ID:	_ (mm)	Dilution Facto	r: <u>1</u>	_
Soil Extract	Volume:	(1	uL)	Soil Aliquot V	olume:	(uL
CAS NO.	COMPOU	N D		CONCENTRATIO		Q -
108-10-1	4-Methyl	2-Pentanone			14	U
108-88-3	Toluene				6.9	U
10061-02-6	trans-1,	3-Dichloropro	opene		6.9	U
79-00-5	1.1.2-Tr	chloroethane	9		6.9	U
127-18-4	Tetrachlo	oroethene			6.9	U
591-78-6	2-Hexanor	ıe			14	
124-48-1	Dibromoch	loromethane	, and the second		6.9	
106-93-4	1,2-Dibro	moethane			6.9	U

6.9 U

EPA SAMPLE NO.

Lab Name:	DataChem La	aboratories,	Inc.	Contract:		H1YD9 (BGH-SS(35	
Lab Code:	DATAC	Case No.:	36335	SAS N	o.:	SDG No.: H1	PT8
Matrix: (so	il/water)	SOIL	_	I	Lab Sample ID:	71220130	04
Sample wt/v	01: 4.39	(g/mL) <u>g</u>	_	I	ab File ID:		
Level: (low	/med) LOW			I	Date Received:	5/1/2007	_
% Moisture:	not dec.	6.9721		Ι	Date Analyzed:	5/8/2007	
GC Column:		ID:	(mm)	I	Dilution Facto	or: 1	
Soil Extrac	t Volume:	(uL)	. 5	Soil Aliquot V	olume:	(uL)
CAS NO.	COMPOU	ND			CONCENTRATIO		Q
75-71-8	Dichloro	difluorometh	ane			6.1	U

			•
75-71-8	Dichlorodifluoromethane	6.1	U
74-87-3	Chloromethane	6.1	Ū
75-01-4	Vinyl chloride	6.1	U
74-83-9	Bromomethane .	6.1	U
75-00-3	Chloroethane	6.1	U
75-69-4	Trichlorofluoromethane	6.1	ΰ
75-35-4	1,1-Dichloroethene	6.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	6.1	U
67-64-1	Acetone	12	U
75-15-0	Carbon disulfide	6.1	U
79-20-9	Methyl acetate	6.1	ט
75-09-2	Methylene chloride	0.9	JB
156-60-5	trans-1,2-Dichloroethene	6.1	ט
1634-04-4	Methyl tert-butyl ether	6.1	U
75-34-3	1,1-Dichloroethane	6.1	U
156-59-2	cis-1,2-Dichloroethene	6.1	U
78-93-3	2-Butanone	12	U
74-97-5	Bromochloromethane	6.1	U
67-66-3	Chloroform	6.1	U
71-55-6	1,1,1-Trichloroethane	6.1	Ü
110-82-7	Cyclohexane	6.1	U
56-23-5	Carbon tetrachloride	6.1	Ŭ
71-43-2	Benzene	6.1	ប
107-06-2	1,2-Dichloroethane	6.1	บ
123-91-1	1,4-Dioxane	120	U
79-01-6	Trichloroethene	6.1	U
108-87-2	Methylcyclohexane	6.1	U
78-87-5	1,2-Dichloropropane	6.1	U
75-27-4	Bromodichloromethane	6.1	U
10061-01-5	cis-1,3-Dichloropropene	6.1	U

Form I VOA-73 (e-form)

1A (e-form)
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

(ug/L or ug/Kg) ug/kg

Lab Name:	DataChem La	boratories,	Inc.	Contra	act:			YD9 (35)-55)
Lab Code:	DATAC	Case No.:	36335	s	AS No.	·	SDG No.:	н1рт8
Matrix: (so	il/water)	SOIL	_		Lal	b Sample ID	71220	13004
Sample wt/vo	ol: 4.39	(g/mL) <u>g</u>	_		Lal	b File ID:		
Level: (low	/med) <u>LOW</u>				Dat	te Received	5/1/200)7
% Moisture:	not dec.	6.9721			Dat	te Analyzed:	5/8/200)7
GC Column:		ID:	(mm)		Di	lution Facto	or: 1	
Soil Extract	t Volume:	(1	uL)		Soi	il Aliquot V	olume:	(uL
CAS NO.	COMPOU	1D				CONCENTRATI	ON UNITS:	Q

108-10-1	4-Methyl-2-Pentanone	12 0	J
108-88-3	Toluene	0.31 J	JB
10061-02-6	trans-1,3-Dichloropropene	6.1 0	J
79-00-5	1,1,2-Trichloroethane	6.10	J
127-18-4	Tetrachloroethene	6.1 U	J
591-78-6	2-Hexanone	12 U	J
124-48-1	Dibromochloromethane	6.1 U	J
106-93-4	1,2-Dibromoethane	6.1 U	J
108-90-7	Chlorobenzene	6.1 U	J
100-41-4	Ethylbenzene	6.1 U	J
95-47-6	o-Xylene	6.1	J
179601-23-1	m,p-Xylene	6.1 U	J
100-42-5	Styrene	6.1 U	J
75-25-2	Bromoform	6.1 U	J
98-82-8	Isopropylbenzene	6.1 U)
79-34-5	1,1,2,2-Tetrachloroethane	6.1 U	Ī
541-73-1	1,3-Dichlorobenzene	6.1 U	J
106-46-7	1,4-Dichlorobenzene	6.1 U	J
95-50-1	1,2-Dichlorobenzene	6.1 U	1
96-12-8	1,2-Dibromo-3-chloropropane	6.1 U	J
120-82-1	1,2,4-Trichlorobenzene	6.1 U	J
87-61-6	1,2,3-Trichlorobenzene	6.1 U	J

OLM04.2

Bushnell General Hospital Un-validated Data

(data was not validated as per EPA Project Manager's instructions)

Organic Results (SVOC)

Soil Samples

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

			H1PT8 (BGH-SB(2)-50)
Lab Name:	DataChem Laboratories, Inc.	Contract:	(BGR-SB(2)-30)
Lab Code:	DATAC Case No.: 36335	SAS No.:	SDG No.: H1PT8
Matrix: (so	il/water) SOIL	Lab Sample ID:	7115022001
Sample wt/vo	ol: <u>30 (g/mL) g</u>	Lab File ID:	
Level: (low	/med) LOW	Date Received	4/25/2007
Moisture:	6.0514 Decanted: (Y/N)	Date Extracted	i:
Concentrated	d Extract Volume:(uI	Date Analyzed:	4/30/2007
Injection Vo	olume:(uL)	Dilution Facto	or: 1
GPC Cleanup	: (Y/N) pH7	<u>1</u> Extraction:	(Type)
CAS NO.	COMPOUND	CONCENTRATIO	ON UNITS:
		(ug/L or ug	/Kg) ug/kg Q
100-52-7	Benzaldehyde	 	24 J
08-95-2	Phenol		180 U
11-44-4	Bis(2-chloroethyl)ether	··	180Ú
95-57-8	2-Chlorophenol		180 U
5-48-7	2-Methylphenol		1800
08-60-1	2,2'-Oxybis(1-chloropropane)		180 U
8-86-2	Acetophenone		13 J
06-44-5	4-Methylphenol		1800
21-64-7	N-Nitroso-di-n-propylamine		1800
7-72-1	Hexachloroethane		1800
8-95-3	Nitrobenzene		180 U
78-59-1	Isophorone		180 0
38-75-5	2-Nitrophenol		180 U
105-67-9	2,4-Dimethylphenol		180 U .
11-91-1	Bis(2-chloroethoxy)methane		180 0
L20-83-2	2,4-Dichlorophenol		180 U
1-20-3	Naphthalene		180 U
106-47-8	4-Chloroaniline		180 บ
37-68-3	Hexachlorobutadiene	 -	180 U
05-60-2	Caprolactam		1800
9-50-7	4-Chloro-3-methylphenol		180 U
1-57-6	2-Methylnaphthalene		
77-47-4	Hexachlorocyclopentadiene		180 0
38-06-2	2,4,6-Trichlorophenol		180 U
95-95-4	2,4,5-Trichlorophenol		180 U
92-52-4	1,1'-Biphenyl		180 U
91-58-7	2-Chloronaphthalene		1800
38-74-4			
	2-Nitroaniline		350 0
31-11-3	Dimethylphthalate		180 0
06-20-2	2,6-Dinitrotoluene		180 U
208-96-8	Acenaphthylene		180 0
9-09-2	3-Nitroaniline		350 U
33-32-9	Acenaphthene		180JU
1-28-5	2,4-Dinitrophenol		350 0
100-02-7	4-Nitrophenol		350 U

Form I SV-3 (e-form)

OLM04.2

IC (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem Laboratories, Inc. Cont	H1PT8 (BGH-SB(2)-50)
Lab Code: Di	ATAC Case No.: 36335	SAS No.: SDG No.: H1PT8
	/water) SOIL	Lab Sample ID: 7115022001
Sample wt/vol	: <u>30 (g/mL) g</u>	Lab File ID:
Level: (low/m	ed) <u>LOW</u>	Date Received: 4/25/2007
Moisture:	6.0514 Decanted: (Y/N)	Date Extracted:
Concentrated :	Extract Volume: (uL)	Date Analyzed: 4/30/2007
	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH7.1	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	1800
121-14-2	2,4-Dinitrotoluene	180U
84-66-2	Diethylphthalate	180 U
86-73-7	Fluorene	180 0
7005-72-3	4-Chlorophenyl-phenylether	180)0
100-01-6	4-Nitroaniline	350 U
534-52-1	4,6-Dinitro-2-methylphenol	350 U
36-30-6	N-Nitrosodiphenylamine	180 U
95-94-3	1,2,4,5-Tetrachlorobenzene	180 U
101-55-3	4-Bromophenyl-phenylether	180 U
118-74-1	Hexachlorobenzene	180 U
1912-24-9	Atrazine	180 U
87-86-5	Pentachlorophenol	350 U
85-01-8	Phenanthrene	180 U
120-12-7	Anthracene	180 U
86-74-8	Carbazole	180 U
84-74-2	Di-n-butylphthalate	180 U
206-44-0	Fluoranthene	180 U
129-00-0	Pyrene	180 U
85-68-7	Butylbenzylphthalate	180 U
91-94-1	3,3'-Dichlorobenzidine	180 U
56-55-3	Benzo(a)anthracene	1800
218-01-9	Chrysene	180 U
117-81-7	Bis(2-ethylhexyl)phthalate	24 J
117-84-0	Di-n-octylphthalate	180 U
205-99-2	Benzo(b) fluoranthene	180 U
207-08-9	Benzo(k) fluoranthene	180 U
50-32-8	Benzo(a)pyrene	180 0
193-39-5	Indeno(1,2,3-cd)pyrene	180 U
53-70-3	Dibenzo(a,h)anthracene	180 U
191-24-2	Benzo(g,h,i)perylene	. 180 U
50.00 2	12 2 4 6 Totrachlerenhonel	10011

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem Laboratories, Inc. Cont	ract: (BGH-SF(0.5)-50)		
Lab Code: DA	ATAC Case No.: 36335	SAS No.: SDG No.: H1PT8		
Matrix: (soil,	/water) <u>SOIL</u>	Lab Sample ID: 7115022002		
Sample wt/vol:	: <u>30 (g/mL) g</u>	Lab File ID:		
Level: (low/me	ed) LOW-	Date Received: 4/25/2007		
% Moisture:	6.25 Decanted: (Y/N)	Date Extracted:		
Concentrated H	Extract Volume:(uL)	Date Analyzed: 4/30/2007		
Injection Volu	ume: (uL)	Dilution Factor: 1		
GPC Cleanup:	(Y/N) pH7.1	Extraction: (Type)		
CAS NO.	COMPOUND	CONCENTRATION UNITS:		
		(ug/L or ug/Kg) ug/kg Q		
100-52-7	Benzaldehyde	23]J		
108-95-2	Phenol	1800		
111-44-4	Bis(2-chloroethyl)ether	1800		
95-57-8	2-Chlorophenol	180 U		
95-48-7	2-Methylphenol	180 U		
108-60-1	2,2'-Oxybis(1-chloropropane)	180 0		
98-86-2	Acetophenone	12 J		
106-44-5	4-Methylphenol	180 U		
621-64-7	N-Nitroso-di-n-propylamine	180 U		
67-72-1	Hexachloroethane	180 0		
98-95-3	Nitrobenzene	180 0		
78-59-1	Isophorone	180 0		
88-75-5	2-Nitrophenol	180 0		
105-67-9	2,4-Dimethylphenol	180 0		
111-91-1	Bis(2-chloroethoxy)methane	180 Ū		
120-83-2	2,4-Dichlorophenol	1800		
91-20-3	Naphthalene	1800		
106-47-8	4-Chloroaniline	1800		
87-68-3	Hexachlorobutadiene	1800		
105-60-2	Caprolactam	180 0		
59-50-7	4-Chloro-3-methylphenol	180 0		
91-57-6	2-Methylnaphthalene	1800		
77-47-4	Hexachlorocyclopentadiene	180 U		
88-06-2	2,4,6-Trichlorophenol	180 U		
95-95-4	2,4,5-Trichlorophenol	180 U		
92-52-4	1.1'-Biphenyl	180 U		
91-58-7	2-Chloronaphthalene	180 U		
88-74-4	2-Nitroaniline	350IU		
131-11-3	Dimethylphthalate	1800		
606-20-2	2,6-Dinitrotoluene	180 U		
208-96-8	Acenaphthylene	1800		
99-09-2	3-Nitroaniline	350lu		
83-32-9	Acenaphthene 180U			
51-28-5	2,4-Dinitrophenol	350lU		
100-02-7		3500		
1100-02-7	4-Nitrophenol	1 33010		

Form I SV-85 (e-form)

OLM04.2

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

		н1 рт9		
Lab Name: Da	ataChem Laboratories, Inc. Contr	act: (BGH-SF(0.5)-5	.0)	
Lab Code: DA	ATAC Case No.: 36335	SAS No.: SDG No.: H1PT8		
Matrix: (soil	/water) SOIL	Lab Sample ID: 7115022002		
Sample wt/vol	: <u>30</u> (g/mL) <u>g</u>	Lab File ID:	_	
Level: (low/m		Date Received: 4/25/2007		
	6.25 Decanted: (Y/N)	Date Extracted:		
	Extract Volume:(uL)	Date Analyzed: 4/30/2007		
	ume: (uL)	Dilution Factor: 1		
GPC Cleanup:	(Y/N) pH 7.1	Extraction: (Type)		
CAS NO.	COMPOUND	CONCENTRATION UNITS:		
		(ug/L or ug/Kg) <u>ug/kg</u> Q	!	
132-64-9	Dibenzofuran	18010		
121-14-2	2,4-Dinitrotoluene	1800	-	
84-66-2	Diethylphthalate	180 0	-	
86-73-7	Fluorene	180 U		
7005-72-3	4-Chlorophenyl-phenylether	180 U		
100-01-6				
534-52-1	4-Nitroaniline 350 U			
86-30-6	[4,5-Dinitro-2-methylphenol 350 U			
95-94-3	N-Nitrosodiphenylamine 180 U			
101-55-3	1,2,4,5-Tetrachlorobenzene			
118-74-1	Hexachlorobenzene	180 U		
1912-24-9	Atrazine	1800		
87-86-5 85-01-8	Pentachlorophenol	350 U		
120-12-7	Phenanthrene Anthracene	180 U	_	
		180 U		
86-74-8	Carbazole	180 U		
84-74-2 206-44-0	Di-n-butylphthalate Fluoranthene	180 U	_	
129-00-0				
	Pyrene	1800		
85-68-7 91-94-1	Butylbenzylphthalate 3.3'-Dichlorobenzidine	180 U		
56-55-3	Benzo (a) anthracene 180 U			
218-01-9	Chrysene 180 U			
117-81-7	Bis(2-ethylhexyl)phthalate	23 J		
117-84-0	Di-n-octylphthalate 180 U			
205-99-2	Benzo(b) fluoranthene Benzo(k) fluoranthene	180 U		
207-08-9		180 U		
50-32-8	Benzo(a) pyrene	180 U		
193-39-5	Indeno(1,2,3-cd)pyrene	180 U		
53-70-3	Dibenzo(a,h)anthracene	180 U		
191-24-2	Benzo(g,h,i)perylene	180 U		
58-90-2	2,3,4,6-Tetrachlorophenol	180 0		

OLM04.2

EPA SAMPLE NO.

H1PW0

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem Laboratories, Inc. Cont	ract: (BGH-SS(20)-50)
Lab Code: Di	ATAC Case No.: 36335	SAS No.: SDG No.: H1PT8
Matrix: (soil	/water) SOIL	Lab Sample ID: 7115022003
Sample wt/vol	: 30 (g/mL) g	Lab File ID:
Level: (low/m		Date Received: 4/25/2007
	3.6304 Decanted: (Y/N)	Date Extracted:
Concentrated I	Extract Volume:(uL)	Date Analyzed: 4/30/2007
Injection Volu	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH7.5	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	30 J
108-95-2	Phenol	180 U
111-44-4	Bis(2-chloroethyl)ether	180 U
95-57-8	2-Chlorophenol	180 U
95-48-7	2-Methylphenol	180 U
108-60-1	2,2'-0xybis(1-chloropropane)	180 U
98-86-2	Acetophenone	14 J
106-44-5	4-Methylphenol	180 U
621-64-7	N-Nitroso-di-n-propylamine	180 U
67-72-1	Hexachloroethane	180 U
98-95-3	Nitrobenzene	180 U
78-59-1	Isophorone	180 U
88-75-5	2-Nitrophenol	180 U
105-67-9	2,4-Dimethylphenol	180 U
111-91-1	Bis(2-chloroethoxy)methane	180 0
120-83-2	2,4-Dichlorophenol	1800
91-20-3	Naphthalene	180 0
106-47-8	4-Chloroaniline	1800
87-68-3	Hexachlorobutadiene	1800
105-60-2	Caprolactam	1800
59-50-7	4-Chloro-3-methylphenol	1800
91-57-6	2-Methylnaphthalene	1800
77-47-4	Hexachlorocyclopentadiene	1800
88-06-2	2,4,6-Trichlorophenol	1800
95-95-4	2,4,5-Trichlorophenol	1800
92-52-4	1,1'-Biphenyl	, 180U
91-58-7	2-Chloronaphthalene	180 U
88-74-4	2-Nitroaniline	3400
131-11-3	Dimethylphthalate	1800
606-20-2	2,6-Dinitrotoluene	180U
208-96-8	Acenaphthylene	1800
99-09-2	3-Nitroaniline	340 U
83-32-9	Acenaphthene	180 U
51-28-5	2,4-Dinitrophenol	3400
100-02-7	4-Nitrophenol	340 U
		2.00

Form I SV-9 (e-form)

OLM04.2

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PW0 (BGH-SS(20)-50) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: ____ SDG No.: H1PT8 Lab Sample ID: 7115022003 Matrix: (soil/water) SOIL Lab File ID: Sample wt/vol: 30 (g/mL) g Level: (low/med) LOW Date Received: 4/25/2007 % Moisture: 3.6304 Decanted: (Y/N) Date Extracted: Date Analyzed: 4/30/2007 Concentrated Extract Volume: Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) _____pH __7.5 Extraction: (Type) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg Q 132-64-9 Dibenzofuran 121-14-2 2,4-Dinitrotoluene 180 0 84-66-2 Diethylphthalate 180 U 86-73-7 Fluorene 180 U 7005-72-3 4-Chlorophenyl-phenylether 180 U 100-01-6 4-Nitroaniline 340 U 534-52-1 340 U 4,6-Dinitro-2-methylphenol 86-30-6 N-Nitrosodiphenylamine 180 t 95-94-3 1,2,4,5-Tetrachlorobenzene 180 U 101-55-3 4-Bromophenyl-phenylether 180 U 180 0 118-74-1 Hexachlorobenzene 180 0 1912-24-9 Atrazine 87-86-5 Pentachlorophenol 340 U 85-01-8 Phenanthrene 180 U 180 U 120-12-7 Anthracene 86-74-8 180 U Carbazole 84-74-2 Di-n-butylphthalate 180 U Fluoranthene 206-44-0 180 U 129-00-0 Pyrene 1801 85-68-7 Butylbenzylphthalate 180 U 3,3'-Dichlorobenzidine 91-94-1 180 U 56-55-3 Benzo(a) anthracene 180 U 218-01-9 Chrysene 180 U Bis(2-ethylhexyl)phthalate 36J 117-81-7 117-84-0 Di-n-octylphthalate 180 U 205-99-2 Benzo(b) fluoranthene 180 U 1800 207-08-9 Benzo(k)fluoranthene Benzo(a)pyrene 50-32-8 180 U 193-39-5 180 U Indeno(1,2,3-cd)pyrene 53-70-3 Dibenzo(a,h)anthracene 180 U

180 U

180 U

Benzo(g,h,i)perylene

2,3,4,6-Tetrachlorophenol

191-24-2

58-90-2

SAS No.:

Lab Name: DataChem Laboratories, Inc. Contract:

Benzo(a)anthracene

Di-n-octylphthalate Benzo(b) fluoranthene

Benzo(k) fluoranthene Benzo(a) pyrene Indeno(1,2,3-cd)pyrene

Dibenzo(a,h)anthracene

Benzo(g,h,i)perylene 2,3,4,6-Tetrachlorophenol

Bis(2-ethylhexyl)phthalate

Chrysene

Lab Code: DATAC

56-55-3 218-01-9

117-81-7

117-84-0 205-99-2

203-39-2 207-08-9 50-32-8 193-39-5

53-70-3 191-24-2

58-90-2

Case No.: 36335

SDG No.: H1PT8

(BGH-SS(162)-50)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		H1PW1
_	ataChem Laboratories, Inc. Cont	
		SAS No.: SDG No.: H1PT8
Matrix: (soil	/water) SOIL	Lab Sample ID: 7116026001
Sample wt/vol	: <u>30 (g/mL) g</u>	Lab File ID:
Level: (low/m	ed) <u>LOW</u>	Date Received: 4/26/2007
% Moisture:	19.668 Decanted: (Y/N)	Date Extracted:
Concentrated	Extract Volume:(uL)	Date Analyzed: 5/2/2007
Injection Vol	ume:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) PH8	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	27 JB
108-95-2	Phenol	210 U
111-44-4	Bis(2-chloroethyl)ether	210 U
95-57-8	2-Chlorophenol	210 U
95-48-7	2-Methylphenol	210 U
108-60-1	2,2'-Oxybis(1-chloropropane)	2100
98-86-2	Acetophenone	23 ЈВ
106-44-5	4-Methylphenol	210 U
621-64-7	N-Nitroso-di-n-propylamine	2100
67-72-1	Hexachloroethane	210 U
98-95-3	Nitrobenzene	2100
78-59-1	Isophorone	2100
88-75-5	2-Nitrophenol	210 U
105-67-9	2,4-Dimethylphenol	. 210 U
111-91-1	Bis(2-chloroethoxy)methane	2100
120-83-2	2,4-Dichlorophenol	2100
91-20-3	Naphthalene	2100
106-47-8	4-Chloroaniline	2100
87-68-3	Hexachlorobutadiene	2100
105-60-2	Caprolactam	210 U
59-50-7	4-Chloro-3-methylphenol	210 0
91-57-6	2-Methylnaphthalene	210 0
77-47-4	Hexachlorocyclopentadiene	210 0
88-06-2	2,4,6-Trichlorophenol	210 U
95-95-4	2,4,5-Trichlorophenol	210 0
92-52-4	1,1'-Biphenyl	2100
91-58-7	2-Chloronaphthalene	210 0
88-74-4	2-Nitroaniline	410 U
131-11-3	Dimethylphthalate	210 0
606-20-2	2,6-Dinitrotoluene	210 U
208-96-8	Acenaphthylene	210 U
99-09-2	3-Nitroaniline	410 U
83-32-9	Acenaphthene	210 U
51-28-5	2,4-Dinitrophenol	410 U
100-02-7	4-Nitrophenol	410 U

83-32-9 51-28-5

100-02-7

Matrix: (soil	/water) SOIL	Lab Sample ID: 7116026001			
Sample wt/vol	: <u>30 (g/mL) g</u>	Lab File ID:			
Level: (low/me	ed) LOW	Date Received: 4/26/2007			
% Moisture:	19.668 Decanted: (Y/N)	Date Extracted:			
Concentrated 1	Extract Volume: (uL)	Date Analyzed: 5/2/2007			
Injection Volu	ume: (uL)	Dilution Factor: 1			
GPC Cleanup:	(Y/N) pH8	Extraction: (Type)			
CAS NO.	COMPOUND	CONCENTRATION UNITS: {ug/L or ug/Kg} ug/kg Q			
132-64-9	Dibenzofuran	2100			
121-14-2	2,4-Dinitrotoluene	210 U			
84-66-2	Diethylphthalate	210 0			
86-73-7	Fluorene	210 0			
7005-72-3	4-Chlorophenyl-phenylether	210 U			
100-01-6	4-Nitroaniline	410 U			
534-52-1	4,6-Dinitro-2-methylphenol	410 U			
86-30-6	N-Nitrosodiphenylamine	210 U			
95-94-3	1,2,4,5-Tetrachlorobenzene	210 U			
101-55-3	4-Bromophenyl-phenylether	210 U			
118-74-1	Hexachlorobenzene	210 0			
1912-24-9	Atrazine	210 U			
87-86-5	Pentachlorophenol	410 U			
85-01-8	Phenanthrene 210 U				
120-12-7	Anthracene	210 U			
86-74-8	Carbazole	210 U			
84-74-2	Di-n-butylphthalate	210 U			
206-44-0	Fluoranthene	210 U			
129-00-0	Pyrene	210 U			
85-68-7		Butylbenzylphthalate 210 U			
91-94-1	3,3'-Dichlorobenzidine	210 0			

210 U

210 U

210 U

210 U 210 U

210 U 210 U

210 U

210 U

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

H1PW3 (BGH-SF(0.5)-73)

105-67-9	Lab Name: Da	taChem Laboratories, Inc. Cont	ract: (BGH-SF(0.5)-73)
Sample wt/vol: 30	Lab Code: DA	TAC Case No.: 36335	
Level: (low/med) LOW Date Received: 4/26/2007 % Moisture: 9.2664 Decanted: (Y/N) Date Extracted: Concentrated Extract Volume: (uL) Dilution Factor: 1 Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 8.4 Extraction: (Type) CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 100-52-7 Benzaldehyde 34 JB 108-95-2 Phenol 16 JB 111-44-4 Bis(2-chloropethyl)ether 95-48-7 2-Methylphenol 1990 U 195-57-8 2-Chlorophenol 1990 U 195-58-7 2-Methylphenol 1990 U 108-60-1 2.2'-Oxybis(1-chloropropane) 1990 U 108-60-1 2.2'-Oxybis(1-chloropropane) 1990 U 108-60-1 1990 U 108-52 Acetophenone 1990 U 108-67-1 Hexachloroethane 1990 U 1098-95-3 Nitrobenzene 1990 U 1098-95-3 Nitrobenzene 1990 U 105-67-9 2.4 -Dimethylphenol 1990 U 105-67-9 2-4 -Dimethylphenol 1990 U 105-60-2 Caprolactam 1990 U 105-60-3 Recention Dimethylphenol 1990 U 105-60-3 Recention 1	Matrix: (soil/	(water) SOIL	Lab Sample ID:7116026002
## Moisture: 9.2664 Decanted: (Y/N) Date Extracted:	Sample wt/vol:	: 30 (g/mL) <u>g</u>	Lab File ID:
Date Analyzed: 5/3/2007 Injection Volume:	Level: (low/me	ed) LOW	Date Received: 4/26/2007
Injection Volume:			Date Extracted:
CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 100-52-7 Benzaldehyde 34JB 108-95-2 Phenol 16JB 111-44-4 Bis(2-chloroethyl)ether 190 U 95-57-8 2-chlorophenol 190 U 95-48-7 2-Methylphenol 190 U 98-86-1 2,2'-Oxybis(1-chloropropane) 190 U 98-86-2 Acetophenone 35 JB 106-44-5 4-Methylphenol 190 U 98-95-3 Nitrobenzene 190 U 98-95-1 Isophorone 190 U 98-95-1 Isophorone 190 U 98-95-1 Isophorone 190 U 105-67-9 2,4-Dimbthylphenol 190 U 105-67-9 2,4-Dimbthylphenol 190 U 111-91-1 Bis(2-chloroethoxy)methane 190 U 120-83-2 2,4-Dichlorophenol 190 U 91-20-3 Naphthalene 190 U 91-20-3 Naphthalene 190 U 91-57-6 2-Methylphenol 190 U 91-58-7 2-Chlorophenol 190 U 91-58-7 2-Chlorophenol 190 U 91-58-7 2-Chlorophenol 190 U 91-58-7 2-Chloronaphthalene 190 U 91-58-7 3-Chloronaphthalene 190 U	Concentrated E	Extract Volume:(uL)	Date Analyzed: 5/3/2007
CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q	Injection Volu	ume: (uL)	Dilution Factor: 1
(ug/L or ug/Kg) ug/kg Q	GPC Cleanup:	(Y/N) pH 8.4	Extraction: (Type)
100-52-7 Benzaldehyde 34 JB 108-95-2 Phenol 16 JB 111-44-4 Bis (2-chloroethyl) ether 190 U 195-57-8 2-Chlorophenol 190 U 195-57-8 2-Chlorophenol 190 U 195-67-8 2-Methylphenol 190 U 196-60-1 2,2'-Oxybis (1-chloropropane) 190 U 198-86-2 Acetophenone 35 JB 106-44-5 4-Methylphenol 190 U 19	CAS NO.	COMPOUND	CONCENTRATION UNITS:
108-95-2			(ug/L or ug/Kg) ug/kg Q
108-95-2	100-52-7	Benzal dehyde	34IJB
111-44-4 Bis(2-chloroethyl)ether 190 U 195-57-8 2-Chlorophenol 190 U 108-60-1 2,2'-Oxybis(1-chloropropane) 190 U 108-60-1 2,2'-Oxybis(1-chloropropane) 190 U 108-60-1 2,2'-Oxybis(1-chloropropane) 190 U 108-60-1 2,2'-Oxybis(1-chloropropane) 190 U 198-86-2 Acetophenone 35 JB 106-44-5 4-Methylphenol 190 U			
95-7-8 2-Chlorophenol 190 U 95-48-7 2-Methylphenol 190 U 108-60-1 2,2'-Oxybis(1-chloropropane) 190 U 190 U 198-86-2 Acetophenone 35 JB 106-44-5 4-Methylphenol 190 U			190 U
95-48-7			190 U
108-60-1 2,2'-Oxybis(1-chloropropane) 190 U 98-86-2 Acetophenone 35 JB 106-44-5 4-Methylphenol 190 U			1900
Reserve Recetophenone 35 JB		2.2'-0xybis(1-chloropropane)	190 U
106-44-5			35 JB
Section			190 U
190 U 198-95-3 Nitrobenzene 190 U 198-95-3 Nitrobenzene 190 U 190 U 198-95-3 Nitrobenzene 190 U			1900
98-95-3 Nitrobenzene 190 U 78-59-1 Isophorone 190 U 105-67-9 2.Nitrophenol 190 U 105-67-9 2.4-Dimethylphenol 190 U 111-91-1 Bis(2-chloroethoxy)methane 190 U 120-83-2 2.4-Dichlorophenol 190 U 91-20-3 Naphthalene 190 U 106-47-8 4-Chloroaniline 190 U 105-68-3 Hexachlorobutadiene 190 U 197-58-3 Hexachlorobutadiene 190 U 199-50-7 4-Chloro-3-methylphenol 190 U 191-57-6 2-Methylnaphthalene 190 U 191-57-6 2-Methylnaphthalene 190 U 191-57-6 2-Methylnaphthalene 190 U 192-52-4 1,1'-Biphenyl 190 U 195-50-7 2-Chloronaphthalene 190 U 195-58-7 2-Chloronaphthalene 190 U 195-95-8 2-4 (3-5-Trichlorophenol 190 U 195-58-7 2-Chloronaphthalene 190 U 191-58-7 2-Chloronaphthalene 190 U 191-58-8 Acenaphthylene 190 U 191-58-8 Acenaphthylene 190 U 191-58-5 2,4-Dinitrophenol 190 U			190 U
Respiration			190 0
88-75-5 2-Nitrophenol 190 U 105-67-9 2, 4-Dimethylphenol 190 U 1105-67-9 2, 4-Dimethylphenol 190 U 120-83-2 2,4-Dichlorophenol 190 U 91-20-3 Naphthalene 190 U 106-47-8 4-Chloroaniline 190 U 87-68-3 Hexachlorobutadiene 190 U 105-60-2 Caprolactam 190 U 91-57-6 2-Methylnaphthalene 190 U 91-57-6 2-Methylnaphthalene 190 U 91-57-6 2-Methylnaphthalene 190 U 91-57-6 2,4-5-Trichlorophenol 190 U 95-95-4 2,4-5-Trichlorophenol 190 U 95-95-4 2,4-5-Trichlorophenol 190 U 95-95-4 2,4-5-Trichlorophenol 190 U 91-58-7 2-Chloronaphthalene 190 U 92-52-4 1,1'-Biphenyl 190 U 93-58-7 2-Chloronaphthalene 190 U 93-74-4 2-Nitroaniline 360 U 131-11-3 Dimethylphthalate 190 U 98-96-8 Acenaphthylene 190 U 99-90-2 3-Nitroaniline 360 U 99-90-2 3-Nitroaniline 190 U 98-32-9 Acenaphthene 190 U			1900
105-67-9 2,4-Dimethylphenol 190 U 111-91-1 Bis (2-chloroethoxy)methane 190 U 120-83-2 2,4-Dichlorophenol 190 U 191-20-3 Naphthalene 190 U 106-47-8 4-Chloroaniline 190 U 105-68-3 Hexachlorobutadiene 190 U 105-60-2 Caprolactam 190 U 105-60-2 Caprolactam 190 U 190 U 190-50-7 4-Chloro-3-methylphenol 190 U 190 U 191-57-6 2-Methylnaphthalene 190 U 190	88-75-5	2-Nitrophenol	190 U
111-91-1 Bis (2-chloroethoxy) methane 190 U 120-83-2 2,4-Dichlorophenol 190 U 190-83-2 2,4-Dichlorophenol 190 U 190-83-2 190 U			190 U
120-83-2			190 U
91-20-3 Naphthalene 190 U			190 U
106-47-8			190 0
87-68-3 Hexachlorobutadiene 190 U 105-60-2 Caprolactam 190 U 59-50-7 4-Chloro-3-methylphenol 190 U 91-57-6 2-Methylnaphthalene 190 U 77-47-4 Hexachlorocyclopentadiene 190 U 88-06-2 2,4,6-Trichlorophenol 190 U 95-95-4 2,4,5-Trichlorophenol 190 U 92-52-4 1,1'-Biphenyl 190 U 91-58-7 2-Chloronaphthalene 190 U 88-74-4 2-Nitroaniline 360 U 131-11-3 Dimethylphthalate 190 U 208-96-8 Acenaphtylene 190 U 208-96-8 Acenaphtylene 190 U 99-09-2 3-Nitroaniline 360 U 83-32-9 Acenaphthene 190 U 51-28-5 2,4-Dinitrophenol 360 U		4-Chloroaniline	190 U
105-60-2 Caprolactam 190 U 59-50-7 4-Chloro-3-methylphenol 190 U 59-50-7 4-Chloro-3-methylphenol 190 U U 190	87-68-3	Hexachlorobutadiene	190 U
91-57-6 2-Methylnaphthalene 190 U 77-47-4 Hexachlorocyclopentadiene 190 U 95-95-4 2,4,6-Trichlorophenol 190 U 95-95-4 2,4,5-Trichlorophenol 190 U 92-52-4 1,1'-Biphenyl 190 U 91-58-7 2-Chloronaphthalene 190 U 98-74-4 2-Nitroaniline 360 U 131-11-3 Dimethylphthalate 190 U 066-20-2 2,6-Dinitrotoluene 190 U 208-96-8 Acenaphthylene 190 U 99-09-2 3-Nitroaniline 360 U 99-09-2 3-Nitroaniline 360 U 99-09-2 3-Nitroaniline 360 U 51-28-5 2,4-Dinitrophenol 360 U	105-60-2	Caprolactam	190 U
77-47-4 Hexachlorocyclopentadiene 190 U 88-06-2 2,4,6-Trichlorophenol 190 U 95-95-4 2,4,5-Trichlorophenol 190 U 92-52-4 1,1'-Biphenyl 190 U 91-58-7 2-Chloronaphthalene 190 U 88-74-4 2-Nitroaniline 360 U 131-11-3 Dimethylphthalate 190 U 606-20-2 2,6-Dinitrotoluene 190 U 208-96-8 Acenaphthylene 190 U 99-09-2 3-Nitroaniline 360 U 83-32-9 Acenaphthene 190 U 51-28-5 2,4-Dinitrophenol 360 U	59-50-7	4-Chloro-3-methylphenol	190 U
88-06-2 2,4,6-Trichlorophenol 190 U 95-95-4 2,4,5-Trichlorophenol 190 U 92-52-4 1,1'-Biphenyl 190 U 91-58-7 2-Chloronaphthalene 190 U 88-74-4 2-Nitroaniline 360 U 131-1-3 Dimethylphthalate 190 U 606-20-2 2,6-Dinitrotoluene 190 U 208-96-8 Acenaphthylene 190 U 99-09-2 3-Nitroaniline 350 U 83-32-9 Acenaphthene 190 U 51-28-5 2,4-Dinitrophenol 360 U	91-57-6	2-Methylnaphthalene	
95-95-4 2,4,5-Trichlorophenol 190 U 92-52-4 1,1'-Biphenyl 190 U 91-58-7 2-Chloronaphthalene 190 U 88-74-4 2-Nitroaniline 360 U 131-11-3 Dimethylphthalate 190 U 066-20-2 2,6-Dinitrotoluene 190 U 208-96-8 Acenaphthylene 190 U 99-09-2 3-Nitroaniline 360 U 83-32-9 Acenaphthene 190 U 51-28-5 2,4-Dinitrophenol 360 U	77-47-4	Hexachlorocyclopentadiene	
92-52-4 1,1'-Biphenyl 190 U 91-58-7 2-Chloronaphthalene 190 U 88-74-4 2-Nitroaniline 360 U 131-11-3 Dimethylphthalate 190 U 606-20-2 2,6-Dinitrotoluene 190 U 208-96-8 Acenaphthylene 190 U 99-09-2 3-Nitroaniline 360 U 83-32-9 Acenaphthene 190 U 51-28-5 2,4-Dinitrophenol 360 U	88-06-2		
92-52-4 1,1'-Biphenyl 190 U 91-58-7 2-Chloronaphthalene 190 U 88-74-4 2-Nitroaniline 360 U 131-11-3 Dimethylphthalate 190 U 606-20-2 2,6-Dinitrotoluene 190 U 208-96-8 Acenaphthylene 190 U 99-09-2 3-Nitroaniline 360 U 83-32-9 Acenaphthene 190 U 51-28-5 2,4-Dinitrophenol 360 U	95-95-4	2,4,5-Trichlorophenol	
88-74-4 2-Nitroaniline 360 U 131-11-3 Dimethylphthalate 190 U 606-20-2 2.6-Dinitrotoluene 190 U 208-96-8 Acenaphthylene 190 U 99-09-2 3-Nitroaniline 360 U 83-32-9 Acenaphthene 190 U 51-28-5 2.4-Dinitrophenol 360 U	92-52-4		
131-11-3 Dimethylphthalate 190 U	91-58-7		
190 U 208-96-8 Acenaphthylene 190 U 208-96-8 Acenaphthylene 190 U 390-09-2 3-Nitroaniline 360 U 33-32-9 Acenaphthene 190 U 51-28-5 2,4-Dinitrophenol 360 U	88-74-4	2-Nitroaniline	
208-96-8 Acenaphthylene 190 U 99-09-2 3-Nitroaniline 360 U 83-32-9 Acenaphthene 190 U 51-28-5 2,4-Dinitrophenol 360 U	131-11-3	Dimethylphthalate	
99-09-2 3-Nitroaniline 360 U 83-32-9 Acenaphthene 190 U 51-28-5 2,4-Dinitrophenol 360 U	606-20-2		
83-32-9 Acenaphthene 190 U 51-28-5 2,4-Dinitrophenol 360 U	208-96-8		
51-28-5 2,4-Dinitrophenol 360 U	99-09-2		
51 #6 5 E/4 DIMIDIOPHENE	83-32-9		
100-02-7 [4-Nitrophenol] 360[U]			
	100-02-7	4-Nitrophenol	360]U

Form I SV-89 (e-form)

1C (e-form) CENTUOL ACTUE ORGANICO ANNIVOTO DAMA CUERT

EPA SAMPLE NO.

•	DENIACORITOR ONGWITCH WANTISTS D	MIN SHEET
Lab Name: Da	ataChem Laboratories, Inc. Contract	H1PW3 (BGH-SF(0.5)-73)
Lab Code: DA	ATAC Case No.: 36335 SAS	No.: SDG No.: H1PT8
Matrix: (soil	/water) SOIL	Lab Sample ID: 7116026002
Sample wt/vol	: <u>30 (g/mL) g</u>	Lab File ID:
Level: (low/me		Date Received: 4/26/2007
% Moisture:	9.2664 Decanted: (Y/N)	Date Extracted:
		Date Analyzed: 5/3/2007
Injection Volu	ume:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.4</u>	Extraction: (Type)
CAS NO.	COMPOUND .	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	190JU
121-14-2	2,4-Dinitrotoluene	190 U
84-66-2	Diethylphthalate	7.8J
86-73-7	Fluorene	1900
7005-72-3	4-Chlorophenyl-phenylether	190 U
100-01-6	4-Nitroaniline	360 U
534-52-1	4,6-Dinitro-2-methylphenol	. 360 U
86-30-6	N-Nitrosodiphenylamine	1900
95-94-3	1,2,4,5-Tetrachlorobenzene	190U
101-55-3	4-Bromophenyl-phenylether	190lU
118-74-1	Hexachlorobenzene	190 U
1912-24-9	Atrazine	190 U
87-86-5	Pentachlorophenol	360 U
85-01-8	Phenanthrene	190 U
	Anthracene	190 U
	Carbazole	190U
84-74-2	Di-n-butylphthalate	190 U
206-44-0	Fluoranthene	190 U
	Pyrene	190 U
85-68-7	Butylbenzylphthalate	190 U
	3,3'-Dichlorobenzidine	190 U
	Benzo(a)anthracene	190 U
218-01-9	Chrysene	1900

Di-n-octylphthalate Benzo(b)fluoranthene

Benzo(k)fluoranthene

Benzo(a)pyrene

117-81-7

117-84-0 205-99-2

207-08-9 50-32-8 193-39-5 53-70-3 191-24-2

58-90-2

Chrysene Bis(2-ethylhexyl)phthalate

Indeno(1,2,3-cd)pyrene
Dibenzo(a,h)anthracene
Benzo(g,h,i)perylene
2,3,4,6-Tetrachlorophenol

37 J

190 U 190 U

190 U

190 U

190 U 190 U

190 U

EPA SAMPLE NO.

SEMIVOLATILE	ORGANICS	ANALYSTS	DATA	SHEET

						H1 PW4
		aboratories,				(BGH-SB(2)-73)
Lab Code:	DATAC	Case No.:	36335	SAS No	···	SDG No.: H1PT8
Matrix: (so	il/water)	SOIL	-	Li	ab Sample ID:	7116026003
Sample wt/vo	ol: <u>30</u>	_(g/mL) <u>g</u> _	_	La	ab File ID:	
Level: (low	/med) <u>LOW</u>			Da	ate Received:	4/26/2007
		Decanted:	•		ate Extracted	:
		olume: _			ate Analyzed:	
		(uL			ilution Facto	r: 1
GPC Cleanup	: (Y/N)		рн <u>8</u>	<u>.9</u> Ex	xtraction:	(Type)
CAS NO.	COMPOU	IND			CONCENTRATIO	ON UNITS:
					(ug/L or ug/	/Kg) ug/kg Q
100-52-7	Benzalde	hyde				
108-95-2	Phenol	-				200 U
111-44-4	Bis(2-ch	loroethyl)et	her		 	200 U
95-57-8	2-Chloro	phenol				2000
95-48-7	2-Methyl	phenol				200 U
108-60-1		bis(1-chloro	propane)			200 U
98-86-2	Acetophe					30 J
106-44-5		4-Methylphenol 200 U				
621-64-7		N-Nitroso-di-n-propylamine 200 U				
67-72-1		Hexachloroethane 200 U				
98-95-3		Nitrobenzene 200U				
78-59-1		Isophorone 200U				
88-75-5	2-Nitrop				 	200 U
105-67-9		thylphenol			 	200 U
111-91-1		loroethoxy)	ethane			200 U
120-83-2		lorophenol	Critaire			200 0
91-20-3	Naphthal		-		 	2000
106-47-8	4-Chloro		-		 	2000
87-68-3		robutadiene			 	2000
105-60-2	Caprolac				 	2000
59-50-7		-3-methylphe	nol		 	200 U
91-57-6		naphthalene			 	200 U
77-47-4		rocyclopenta	diene			200 0
88-06-2		ichloropheno			 	20010
95-95-4		ichloropheno			 	200 0
92-52-4	1,1'-Bip		-		 	200 U
91-58-7		naphthalene			· · ·	200 U
88-74-4	2-Nitroa				 	380 U
131-11-3		phthalate			 	2000
606-20-2		trotoluene			 	200 U
208-96-8					 	200 U
99-09-2						380 0
83-32-9		Acenaphthene 200 U				
51-28-5		trophenol			 	38010
100-02-7		4-Nitrophenol				

Form I SV-21 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		H1PW4 (BGH-SB(2)-73)		
	ataChem Laboratories, Inc. Cont	ract:		
Lab Code: Di	ATAC Case No.: 36335	SAS No.: SDG No.: H1PT8		
	/water) <u>SOIL</u>	Lab Sample ID: 7116026003		
Sample wt/vol	: <u>30 (g/mL) g</u>	Lab File ID:		
Level: (low/m	ed) <u>LOW</u>	Date Received: 4/26/2007		
% Moisture:	13.158 Decanted: (Y/N)	Date Extracted:		
Concentrated	Extract Volume:(uL)	Date Analyzed: 5/7/2007		
	ume: (uL)	Dilution Factor: 1		
GPC Cleanup:	(Y/N) pH <u>8.9</u>	Extraction: (Type)		
CAS NO.	COMPOUND	CONCENTRATION UNITS:		
		(ug/L or ug/Kg) ug/kg Q		
132-64-9	Dibenzofuran	200 U		
121-14-2	2,4-Dinitrotoluene	200 U		
84-66-2	Diethylphthalate	28 JB		
86-73-7	Fluorene	200 U		
7005-72-3	4-Chlorophenyl-phenylether	200 U		
100-01-6	4-Nitroaniline 380U			
534-52-1	4,6-Dinitro-2-methylphenol	380 U		
86-30-6	N-Nitrosodiphenylamine 200 U			
95-94-3	1,2,4,5-Tetrachlorobenzene 200U			
101-55-3	4-Bromophenyl-phenylether	200[0		
118-74-1	Hexachlorobenzene	200 ប		
1912-24-9	Atrazine			
87-86-5	Pentachlorophenol	380 U		
85-01-8	Phenanthrene	200 U		
120-12-7	Anthracene	200 U		
86-74-8	Carbazole	200 U		
84-74-2	Di-n-butylphthalate	200 U		
206-44-0	Fluoranthene	200 U		
129-00-0	Pyrene	200 U		
85-68-7	Butylbenzylphthalate	200 U		
91-94-1	3,3'-Dichlorobenzidine	200 U		
56-55-3	Benzo(a)anthracene	200 U		
218-01-9	Chrysene	200 0		
117-81-7	Bis(2-ethylhexyl)phthalate	25 J		
117-84-0	Di-n-octylphthalate Benzo(b)fluoranthene	200 U 200 U		
205-99-2 207-08-9	Benzo(k) fluoranthene	2000		
50-32-8	Benzo(a) pyrene	200 U		
193-39-5	Indeno(1,2,3-cd)pyrene	2000		
53-70-3		2000		
191-24-2	Dibenzo(a, h) anthracene 200 U			
58-90-2	2,3,4,6-Tetrachlorophenol	2000		
30.30-2	12/3/4/0-recracifforophenor			

EPA SAMPLE NO. SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

H1PW6

OLM04.2

Lab Name: Da	ataChem Laboratories, Inc. Cont	tract:(BGH-SF(0.5)-75)
Lab Code: Di	ATAC Case No.: 36335	SAS No.: SDG No.: H1PT8
Matrix: (soil	/water) SOIL	Lab Sample ID: 7116026004
Sample wt/vol	: <u>30 (g/mL) g</u>	Lab File ID:
Level: (low/m	ed) LOW	Date Received: 4/26/2007
% Moisture:	9.4987 Decanted: (Y/N)	Date Extracted:
Concentrated	Extract Volume:(uL)	Date Analyzed: 5/2/2007
Injection Vol	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH 8.8	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	23 ЈВ
108-95-2	Phenol	190 0
111-44-4	Bis(2-chloroethyl)ether	190 0
95-57-8	2-Chlorophenol	1900
95-48-7	2-Methylphenol	1900
108-60-1	2,2'-0xybis(1-chloropropane)	1900
98-86-2	Acetophenone	16 JB
106-44-5	4-Methylphenol	1900
621-64-7	N-Nitroso-di-n-propylamine	1900
67-72-1	Hexachloroethane	1900
98-95-3	Nitrobenzene	1900
78-59-1	Isophorone	1900
88-75-5	2-Nitrophenol	1900
		1900
105-67-9	2,4-Dimethylphenol	
111-91-1	Bis(2-chloroethoxy)methane	190 U
120-83-2	2,4-Dichlorophenol	190 U
91-20-3	Naphthalene	190 U
106-47-8	4-Chloroaniline	190 U
87-68-3	Hexachlorobutadiene	190 U
105-60-2	Caprolactam	190 U
59-50-7	4-Chloro-3-methylphenol	1900
91-57-6	2-Methylnaphthalene	1900
77-47-4	Hexachlorocyclopentadiene	190 U
88-06-2	2,4,6-Trichlorophenol	190 U
95-95-4	2,4,5-Trichlorophenol	1900
92-52-4	1,1'-Biphenyl	190 U
91-58-7	2-Chloronaphthalene	190 U
88-74-4	2-Nitroaniline	360 U
131-11-3	Dimethylphthalate	190 U
606-20-2	2,6-Dinitrotoluene	190 U
208-96-8	Acenaphthylene	190 U
99-09-2	3-Nitroaniline	360 U
83-32-9	Acenaphthene	190 U
51-28-5	2,4-Dinitrophenol	360 0
100-02-7	4-Nitrophenol	360 U

Form I SV-93 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PW6 (BGH-SF(0.5)-75) Lab Name: DataChem Laboratories, Inc. Contract: SDG No.: H1PT8 Lab Code: DATAC Case No.: 36335 SAS No.: Matrix: (soil/water) SOIL Lab Sample ID: 7116026004 Sample wt/vol: 30 Lab File ID: (g/mL) g Date Received: 4/26/2007 Level: (low/med) LOW % Moisture: 9.4987 Decanted: (Y/N) Date Extracted: (uL) Date Analyzed: 5/2/2007 Concentrated Extract Volume: Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 8.8 Extraction: (Type) CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 132-64-9 Dibenzofuran 190IU 2,4-Dinitrotoluene 121-14-2 190 U 84-66-2 Diethylphthalate 190 U 86-73-7 Fluorene 1900 7005-72-3 19011 4-Chlorophenyl-phenylether 100-01-6 4-Nitroaniline 360 U 534-52-1 360 U 4,6-Dinitro-2-methylphenol 86-30-6 190 U N-Nitrosodiphenylamine 95-94-3 1,2,4,5-Tetrachlorobenzene 190 U 190 U 101-55-3 4-Bromophenyl-phenylether 118-74-1 Hexachlorobenzene 190 t 1912-24-9 Atrazine 190 U 87-86-5 Pentachlorophenol 360 U 85-01-8 Phenanthrene 120-12-7 190 U Anthracene 86-74-8 Carbazole 190 U 84-74-2 Di-n-butylphthalate 17 J 206-44-0 Fluoranthene 190 U

129-00-0

85-68-7

91-94-1

56-55-3

218-01-9

117-81-7

117-84-0

205-99-2

207-08-9

50-32-8 193-39-5

53-70-3

58-90-2

191-24-2

Pyrene

Chrysene

Butylbenzylphthalate

Benzo(a)anthracene

Di-n-octylphthalate

Benzo(b) fluoranthene

Benzo(k)fluoranthene

Dibenzo(a,h)anthracene

Benzo(g,h,i)perylene 2,3,4,6-Tetrachlorophenol

Benzo(a)pyrene Indeno(1,2,3-cd)pyrene

(3,3'-Dichlorobenzidine

Bis(2-ethylhexyl)phthalate

190 U

190 U

190 U

190 U

190 U

190 U

190 t

190 U

190 U

190 U

19010

190 U

190 U

190 U

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

H1PW7 (BGH-SB(2)-75) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PT8 Matrix: (soil/water) SOIL Lab Sample ID: 7116026005 Sample wt/vol: 30 (g/mL) g Lab File ID: Level: (low/med) LOW Date Received: 4/26/2007 % Moisture: 16.398 Decanted: (Y/N) Date Extracted: (uL) Concentrated Extract Volume: Date Analyzed: 5/2/2007 Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) 8.8 Hq Extraction: (Type) CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg 29 JB 100-52-7 Benzaldehyde 108-95-2 Phenol 200 U 111-44-4 Bis(2-chloroethyl)ether 200 U 95-57-8 2-Chlorophenol 200 U 95-48-7 200 U 2-Methylphenol 108-60-1 2,2'-Oxybis(1-chloropropane) 200 U 98-86-2 18 JB Acetophenone 106-44-5 4-Methylphenol 200 U 621-64-7 N-Nitroso-di-n-propylamine 200 U 67-72-1 Hexachloroethane 200 U 98-95-3 Nitrobenzene 200 U 78-59-1 Isophorone 200 U 88-75-5 2-Nitrophenol 200 U 105-67-9 2,4-Dimethylphenol 200 U 111-91-1 Bis(2-chloroethoxy)methane 200 U 120-83-2 2,4-Dichlorophenol 200 U 91-20-3 200JU Naphthalene 106-47-8 4-Chloroaniline 200 U 87-68-3 Hexachlorobutadiene 200 U 105-60-2 Caprolactam 200 U 59-50-7 4-Chloro-3-methylphenol 200 U 91-57-6 2-Methylnaphthalene 200 U 77-47-4 Hexachlorocyclopentadiene 200 U 88-06-2 2,4,6-Trichlorophenol 200 U 2,4,5-Trichlorophenol 95-95-4 200 U 92-52-4 1,1'-Biphenyl 200 U 91-58-7 200 U 2-Chloronaphthalene 88-74-4 2-Nitroaniline 390 U 131-11-3 Dimethylphthalate 200 U 606-20-2 2,6-Dinitrotoluene 200 U 208-96-8 Acenaphthylene 200 U 99-09-2 3-Nitroaniline 390 U 200 U 83-32-9 Acenaphthene 51-28-5 2,4-Dinitrophenol 390 U

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1 PW7

Lab Name: Da	taChem Laboratories, Inc. Contract:	(BGH-SB(2)-75)
Lab Code: DA	ATAC Case No.: 36335 SAS N	o.: SDG No.: <u>H1PT8</u>
Matrix: (soil,	/water) SOIL I	Lab Sample ID:7116026005
Sample wt/vol:	: <u>30 (g/mL) g</u>	Lab File ID:
Level: (low/me	ed) LOW I	Date Received: 4/26/2007
% Moisture:	16.398 Decanted: (Y/N)	Date Extracted:
		Date Analyzed: 5/2/2007
Injection Volu	ıme:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.8</u>	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	200]U
121-14-2	2,4-Dinitrotoluene	200 U
84-66-2	Diethylphthalate	200 U
86-73-7	Fluorene	200 U
7005-72-3	4-Chlorophenyl-phenylether	200 U
100-01-6	4-Nitroaniline	3900
534-52-1	4,6-Dinitro-2-methylphenol	390 U
86-30-6	N-Nitrosodiphenylamine	200 U
95-94-3	1,2,4,5-Tetrachlorobenzene	200 0
101-55-3	4-Bromophenyl-phenylether	2000
118-74-1	Hexachlorobenzene	2000
1912-24-9	Atrazine	2000
87-86-5	Pentachlorophenol	390 U
85-01-8	Phenanthrene	20010
120-12-7	Anthracene	200 U
86-74-8 84-74-2	Carbazole	200 U
206-44-0	Di-n-butylphthalate	200 U 200 U
129-00-0	Fluoranthene	2000
	Pyrene	2000
85-68-7	Butylbenzylphthalate	
91-94-1		200 U
56-55-3	Benzo(a) anthracene	200 U
218-01-9 117-81-7	Chrysene	200 U
	Bis(2-ethylhexyl)phthalate	200 U
117-84-0	Di-n-octylphthalate	200 U
205-99-2	Benzo (b) fluoranthene	
207-08-9	Benzo(k) fluoranthene	200 U
50-32-8	Benzo(a) pyrene	200 U
193-39-5	Indeno(1,2,3-cd)pyrene	200 U
53-70-3	Dibenzo(a,h)anthracene	200 U
191-24-2	Benzo(g,h,i)perylene	200 U
58-90-2	2,3,4,6-Tetrachlorophenol	200 U

100-02-7

4-Nitrophenol

EPA SAMPLE NO.

Lah Name - Da	ataChem Laboratories, Inc. Contract:	H1PW8 (BGH-SF(0.5)-74)
	ATAC Case No.: 36335 SAS No.:	·
Matrix: (coil	/water) SOIL Lab	Sample ID: 7116026006
		
Sample wt/vol	: <u>30 (g/mL) g</u> Lab	File ID:
Level: {low/m	ed) LOW Date	Received: 4/26/2007
		Extracted:
Concentrated 1	Extract Volume: (uL) Date	Analyzed: 5/2/2007
Injection Volu	ume:(uL) Dilu	ition Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.6</u> Ext	raction: (Type)
CAC NO	COMPOUND	ONCENTRATION UNITS:
CAS NO.		ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	34 JB
108-95-2	Phenol	190 U
111-44-4	Bis(2-chloroethyl)ether	190 U
95-57-8	2-Chlorophenol	190 U
95-48-7	2-Methylphenol	1900
108-60-1	2,2'-Oxybis(1-chloropropane)	190 U 21 JB
98-86-2 106-44-5	Acetophenone	190 U
621-64-7	4-Methylphenol N-Nitroso-di-n-propylamine	1900
67-72-1	Hexachloroethane	1900
98-95-3	Nitrobenzene	1900
78-59-1	Isophorone	1900
88-75-5	2-Nitrophenol	190 U
105-67-9	2,4-Dimethylphenol	190 U
111-91-1	Bis(2-chloroethoxy)methane	190 U
120-83-2	2,4-Dichlorophenol	190 U
91-20-3	Naphthalene	1900
106-47-8	4-Chloroaniline	1900
87-68-3	Hexachlorobutadiene	190 U
105-60-2	Caprolactam	190 0
59-50-7	4-Chloro-3-methylphenol	190 U
91-57-6	2-Methylnaphthalene	190 U
77-47-4	Hexachlorocyclopentadiene	190 U
88-06-2	2,4,6-Trichlorophenol	1900
95-95-4	2,4,5-Trichlorophenol	190 U 190 U
92-52-4	1,1'-Biphenyl 2-Chloronaphthalene	1900
88-74-4	2-Chioronaphthalene 2-Nitroaniline	3600
131-11-3	Dimethylphthalate	1900
606-20-2	2,6-Dinitrotoluene	1900
208-96-8	Acenaphthylene	1900
99-09-2	3-Nitroaniline	360 0
83-32-9	Acenaphthene	1900
51-28-5	2,4-Dinitrophenol	360 U
100-02-7	4-Nitrophenol	360 U

Form I SV-97 (e-form)

OLM04.2

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		H1PW8
Lab Name:	DataChem Laboratories, Inc. Cont	ract: (BGH-SF(0.5)-74)
Lab Code:	DATAC Case No.: 36335	SAS No.: SDG No.: H1PT8
	1/water) SOIL	Lab Sample ID: 7116026006
Sample wt/vo	1: 30 (g/mL) g	Lab File ID:
Level: (low/		Date Received: 4/26/2007
% Moisture:	8.9727 Decanted: (Y/N)	Date Extracted:
	Extract Volume:(uL)	Date Analyzed: 5/2/2007
	lume:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.6</u>	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	190 U
121-14-2	2,4-Dinitrotoluene	1900
84-66-2	Diethylphthalate	1900
86-73-7	Fluorene	1900
7005-72-3	4-Chlorophenyl-phenylether	1900
100-01-6	4-Nitroaniline	
534-52-1	4,6-Dinitro-2-methylphenol	360 U
86-30-6	N-Nitrosodiphenylamine	360 U
		190 U
95-94-3 101-55-3	1,2,4,5-Tetrachlorobenzene	190 U
118-74-1	4-Bromophenyl-phenylether	190 0
	Hexachlorobenzene	1900
1912-24-9	Atrazine	190 U
87-86-5	Pentachlorophenol	360 0
85-01-8	Phenanthrene	190 U
120-12-7	Anthracene	190 U
86-74-8	Carbazole	190 U
84-74-2	Di-n-butylphthalate	190 U
206-44-0	Fluoranthene	190 U
129-00-0	Pyrene	190U
85-68-7	Butylbenzylphthalate	190 U
91-94-1	3,3'-Dichlorobenzidine	190 U
56-55-3	Benzo(a)anthracene	190 U
218-01-9	Chrysene	190 U
117-81-7	Bis(2-ethylhexyl)phthalate	16 J
117-84-0	Di-n-octylphthalate	190 U
205-99-2	Benzo(b) fluoranthene	190 U
207-08-9	Benzo(k) fluoranthene	190 0
50-32-8	Benzo(a)pyrene	190 0
193-39-5	Indeno(1,2,3-cd)pyrene	190 U
53-70-3	Dibenzo(a,h)anthracene	190 U
191-24-2	Benzo(g,h,i)perylene	190 U
58-90-2	2,3,4,6-Tetrachlorophenol	190 U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

			H1PW9 (BGH-SB(2)-74)
Lab Name: D	ataChem Laboratories, Inc. Contra	act:	(BGH-3B(2)-74)
Lab Code: D	ATAC Case No.: 36335 S	BAS No.:	SDG No.: H1PT8
Matrix: (soil	/water) SOIL	Lab Sample ID:	7116026007
Sample wt/vol	: 30 (g/mL) g	Lab File ID:	
Level: (low/π	ned) <u>LOW</u>	Date Received:	4/26/2007
% Moisture:	7.9561 Decanted: (Y/N)	Date Extracted	:
	Extract Volume:(uL)	Date Analyzed:	
Injection Vol	ume:(uL)	Dilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N) pH8.4	Extraction:	(Type)
CAS NO.	COMPOUND	CONCENTRATIO	ON UNITS:
		(ug/L or ug/	Kg) ug/kg Q
100-52-7	Benzaldehyde		29 JB
108-95-2	Phenol		180 U
111-44-4	Bis(2-chloroethyl)ether	<u> </u>	180 U
95-57-8	2-Chlorophenol		180 U
95-48-7	2-Methylphenol		180 U
108-60-1	2,2'-0xybis(1-chloropropane)		180 U
98-86-2	Acetophenone		17 JB
106-44-5	4-Methylphenol		180 U
621-64-7	N-Nitroso-di-n-propylamine		180 U
67-72-1	Hexachloroethane		180 U
98-95-3	Nitrobenzene		180 U
78-59-1	Isophorone		180 U
88-75-5	2-Nitrophenol		180 0
105-67-9	2,4-Dimethylphenol		180 U
111-91-1	Bis(2-chloroethoxy)methane		180 U
120-83-2	2,4-Dichlorophenol		180 0
91-20-3	Naphthalene		180 0
106-47-8	4-Chloroaniline		180 0
87-68-3	Hexachlorobutadiene		180 0
105-60-2	Caprolactam		180 U
59-50-7	4-Chloro-3-methylphenol		180 U
91-57-6	2-Methylnaphthalene		180 U
77-47-4	Hexachlorocyclopentadiene		180 U
88-06-2	2,4,6-Trichlorophenol		180 U
95-95-4	2,4,5-Trichlorophenol		180 U
92-52-4	1,1'-Biphenyl		180 U
91-58-7 88-74-4	2-Chloronaphthalene		. 180 U
131-11-3	2-Nitroaniline		360 U
606-20-2	Dimethylphthalate		180 U
208-96-8	2,6-Dinitrotoluene		180 U
99-09-2	Acenaphthylene 3-Nitroaniline		180 U
83-32-9	Acenaphthene		360 U
51-28-5	2,4-Dinitrophenol		180 U
100-02-7	4-Nitrophenol		360 0
100-05-1	4-mirriobueuot	L	3600

1C (e-form)

EPA SAMPLE NO.

H1PW9 (BGH-SB(2)-74)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem Laboratories, Inc. Contract:	(BGH-SB(2)-74)
Lab Code: DA	ATAC Case No.: 36335 SAS No.:	SDG No.: H1PT8
Matrix: (soil	/water) SOIL Lab Sample II	7116026007
Sample wt/vol:	: 30 (g/mL) g Lab File ID:	
Level: (low/me	ed) LOW Date Received	4/26/2007
% Moisture:	7.9561 Decanted: (Y/N) Date Extracte	
	Extract Volume: (uL) Date Analyzed	
Injection Volu	ume:(uL) Dilution Fact	or: 1
GPC Cleanup:	(Y/N) pH 8.4 Extraction:	(Type)
CAS NO.	COMPOUND CONCENTRAT	ION UNITS:
	(ug/L or ug	g/Kg) <u>ug/kg</u> Q
132-64-9	Dibenzofuran	180JU
121-14-2	2.4-Dinitrotoluene	1800
84-66-2	Diethylphthalate	180 U
86-73-7	Fluorene	180 U
7005-72-3	4-Chlorophenyl-phenylether	180U
100-01-6	4-Nitroaniline	3600
534-52-1	4,6-Dinitro-2-methylphenol	360 0
86-30-6	N-Nitrosodiphenylamine	1800
95-94-3	1,2,4,5-Tetrachlorobenzene	180 0
101-55-3	4-Bromophenyl-phenylether	180 0
118-74-1	Hexachlorobenzene	180 U
1912-24-9	Atrazine	180 U
87-86-5	Pentachlorophenol	360 U
85-01-8	Phenanthrene	1800
120-12-7	Anthracene	180 U
86-74-8	Carbazole	1800
84-74-2	Di-n-butylphthalate	1800
206-44-0	Fluoranthene	180 U
129-00-0	Pyrene	1800
85-68-7	Butylbenzylphthalate	1800
91-94-1	3.3'-Dichlorobenzidine	180 U
56-55-3	Benzo(a) anthracene	180 U
218-01-9	Chrysene	1800
117-81-7	Bis(2-ethylhexyl)phthalate	14 J
117-84-0	Di-n-octylphthalate	1800
205-99-2	Benzo (b) fluoranthene	180 U
207-08-9	Benzo(k) fluoranthene	180 U
50-32-8	Benzo (a) pyrene	180 U
193-39-5	Indeno(1,2,3-cd)pyrene	180 U
53-70-3	Dibenzo(a,h)anthracene	180 U
191-24-2	Benzo(g,h,i)perylene	180 U
58-90-2	2,3,4,6-Tetrachlorophenol	180 U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PX0

Lab Name: Da	taChem Laboratories,	Inc. Contr	ract:	(BGH-SF(0.5)-56)
Lab Code: DA	TAC Case No.:	36335	SAS No.:	SDG No.: H1PT8
Matrix: (soil/	water) <u>SOIL</u>		Lab Sample ID:	7116026008
Sample wt/vol:	30 (g/mL) g	-	Lab File ID:	
Level: (low/me			Date Received:	
	7.8456 Decanted:			
	xtract Volume:		Date Analyzed:	5/2/2007
Injection Volu	me:(uL)		Dilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N)	pH <u>8.3</u>	Extraction:	(Type) .
CAS NO.	COMPOUND		CONCENTRATIO	ON UNITS:
			(ug/L or ug/	(Kg) ug/kg Q
100-52-7	Benzaldehyde			23 JB
108-95-2	Phenol			180 U
111-44-4	Bis(2-chloroethyl)eth	er		180 U
	2-Chlorophenol			180 0
	2-Methylphenol		<u> </u>	1800
	2,2'-Oxybis(1-chlorop	ropanel		1800
	Acetophenone	ropane,		17 JB
•				180 0
	4-Methylphenol	,_		
	N-Nitroso-di-n-propyl	amine		180 U
	Hexachloroethane			180 U
	Nitrobenzene			180 U
	Isophorone			180 U
	2-Nitrophenol			180 0
	2,4-Dimethylphenol			180 U
111-91-1	Bis(2-chloroethoxy)me	thane		180 U
	2,4-Dichlorophenol			180 U
91-20-3	Naphthalene			180 Ú
106-47-8	4-Chloroaniline			180 U
87-68-3	Hexachlorobutadiene			180 U
105-60-2	Caprolactam			180 U
	4-Chloro-3-methylphen	01		180 0
	2-Methylnaphthalene			1800
	Hexachlorocyclopentad	iene	+	180 0
	2,4,6-Trichlorophenol			180 U
	2,4,5-Trichlorophenol			180 U
	1,1'-Biphenyl		- +	180 U
	2-Chloronaphthalene		-	180 U
88-74-4	2-Nitroaniline			360 U
	Dimethylphthalate			180 U
	2,6-Dinitrotoluene			180 U
	Acenaphthylene			180 U
	3-Nitroaniline			360 U
	Acenaphthene			180 0
	2,4-Dinitrophenol			360 U
100-02-7	4-Nitrophenol			360 U

Form I SV-101 (e-form)

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PX0 (BGH-SF(0.5)-56) Lab Name: DataChem Laboratories, Inc. Contract: Case No.: 36335 SAS No.: __ SDG No.: H1PT8 Lab Code: DATAC Lab Sample ID: 7116026008 Matrix: (soil/water) SOIL Sample wt/vol: 30 (g/mL) g Lab File ID: 4/26/2007 Level: (low/med) LOW Date Received: % Moisture: 7.8456 Decanted: (Y/N) Date Extracted: Concentrated Extract Volume: Date Analyzed: 5/2/2007 (uL) Dilution Factor: Injection Volume: GPC Cleanup: (Y/N) Extraction: pH 8.3 (Type) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg

		(ug/L or ug/kg) ug/kg	– v
132-64-9	Dibenzofuran	18	ŪŪ
121-14-2	2,4-Dinitrotoluene		0 U
84-66-2	Diethylphthalate	18	ס ט
86-73-7	Fluorene	18	0 U
7005-72-3	4-Chlorophenyl-phenylether	18	0 U
100-01-6	4-Nitroaniline	36	0 U
534-52-1	4,6-Dinitro-2-methylphenol	36	0 U
86-30-6	N-Nitrosodiphenylamine	18	0 U
95-94-3	1,2,4,5-Tetrachlorobenzene		ÜÜ
101-55-3	4-Bromophenyl-phenylether	18	0 U
118-74-1	Hexachlorobenzene		0 0
1912-24-9	Atrazine	18	0 U
87-86-5	Pentachlorophenol	36	0 U
85-01-8	Phenanthrene		0 U ·
120-12-7	Anthracene		0 U
86-74-8	Carbazole		0 U
84-74-2	Di-n-butylphthalate	18	0 U
206-44-0	Fluoranthene		0 U
129-00-0	Pyrene	18	0 U
85-68-7	Butylbenzylphthalate		0 U
91-94-1	3,3'-Dichlorobenzidine		0 U
56-55-3	Benzo(a)anthracene		0 0
218-01-9	Chrysene		0 U
117-81-7	Bis(2-ethylhexyl)phthalate		6J
117-84-0	Di-n-octylphthalate		0 U
205-99-2	Benzo(b)fluoranthene		0 U
207-08-9	Benzo(k)fluoranthene		0 U
50-32-8	Benzo(a) pyrene		0 U
193-39-5	Indeno(1,2,3-cd)pyrene		0 U
53-70-3	Dibenzo(a,h)anthracene		ŰU
191-24-2	Benzo(g,h,i)perylene		0 U
58-90-2	2,3,4,6-Tetrachlorophenol	18	0 0

EPA SAMPLE NO. SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

H1PX1

Lab Name: Da	ataChem Laboratories, Inc. Contr	act: (BGH-SB(2)-56)
Lab Code: DA	ATAC Case No.: 36335	SAS No.: SDG No.: H1PT8
Matrix: (soil	/water) <u>SOIL</u>	Lab Sample ID: 7116026009
Sample wt/vol	: 30 (g/mL) g	Lab File ID:
Level: (low/me	ed) LOW	Date Received: 4/26/2007
% Moisture:		Date Extracted:
Concentrated I	Extract Volume: (uL)	Date Analyzed: 5/2/2007
Injection Volu	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.6</u>	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	23 JB
108-95-2	Phenol	180 U
111-44-4	Bis(2-chloroethyl)ether	180 U
95-57-8	2-Chlorophenol	180]U
95-48-7	2-Methylphenol	180U
108-60-1	2,2'-Oxybis(1-chloropropane)	1800
98-86-2	Acetophenone	16 JB
106-44-5	4-Methylphenol	1800
621-64-7	N-Nitroso-di-n-propylamine	180 U
67-72-1	Hexachloroethane	180 U
98-95-3	Nitrobenzene	1800
		180 U
78-59-1	Isophorone	1800
88-75-5	2-Nitrophenol	1800
105-67-9	2,4-Dimethylphenol	
111-91-1	Bis(2-chloroethoxy)methane	1800
120-83-2	2,4-Dichlorophenol	1800
91-20-3	Naphthalene	180 U
106-47-8	4-Chloroaniline	180 U
87-68-3	Hexachlorobutadiene	180 U
105-60-2	Caprolactam	180 0
59-50-7	4-Chloro-3-methylphenol	180 Ü
91-57-6	2-Methylnaphthalene	180 U
77-47-4	Hexachlorocyclopentadiene	180[U
88-06-2	2,4,6-Trichlorophenol	180 U
95-95-4	2,4,5-Trichlorophenol	180 U
92-52-4	1,1'-Biphenyl	180 U
91-58-7	2-Chloronaphthalene	180 U
88-74-4	2-Nitroaniline	360 U
131-11-3	Dimethylphthalate	180 U
606-20-2	2.6-Dinitrotoluene	180 U
208-96-8	Acenaphthylene	180 U
99-09-2	3-Nitroaniline	360 U
83-32-9	Acenaphthene	180 U
51-28-5	2,4-Dinitrophenol	360 0
100-02-7	4-Nitrophenol	360 U

Form I SV-51 (e-form)

OLM04.2

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

(ug/L or ug/Kg) ug/kg

H1PX1 (BGH-SB(2)-56) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PT8 Matrix: (soil/water) SOIL Lab Sample ID: 7116026009 Sample wt/vol: 30 (g/mL) g Lab File ID: Level: (low/med) LOW Date Received: 4/26/2007 % Moisture: 7.483 Decanted: (Y/N) Date Extracted: __ (uL) Concentrated Extract Volume: Date Analyzed: 5/2/2007 Injection Volume: (uL) Dilution Factor: GPC Cleanup: (Y/N) pH <u>8.6</u> Extraction: (Type) CAS NO. COMPOUND CONCENTRATION UNITS:

132-64-9	Dibenzofuran	180 U
121-14-2	2,4-Dinitrotoluene	180 U
84-66-2	Diethylphthalate	180 U
86-73-7	Fluorene	180 U
7005-72-3	4-Chlorophenyl-phenylether	180 0
100-01-6	4-Nitroaniline	360 U
534-52-1	4,6-Dinitro-2-methylphenol	360 U
86-30-6	N-Nitrosodiphenylamine	180 U
95-94-3	1,2,4,5-Tetrachlorobenzene	180 U
101-55-3	4-Bromophenyl-phenylether	180 U
118-74-1	Hexachlorobenzene	180 U
1912-24-9	Atrazine	180 U
87-86-5	Pentachlorophenol	360 U
85-01-8	Phenanthrene	180 U
120-12-7	Anthracene	180 U
86-74-8	Carbazole	180 U
84-74-2	Di-n-butylphthalate	180 U
206-44-0	Fluoranthene	180 U
129-00-0	Pyrene	180 U
85-68-7	Butylbenzylphthalate	180 U
91-94-1	3,3'-Dichlorobenzidine	180 U
56-55-3	Benzo(a)anthracene	180 U
218-01-9	Chrysene	180 U
117-81-7	Bis(2-ethylhexyl)phthalate	21 J
117-84-0	Di-n-octylphthalate	180 U
205-99-2	Benzo(b) fluoranthene	1800
207-08-9	Benzo(k) fluoranthene	180 U
50-32-8	Benzo(a) pyrene	180 U
193-39-5	Indeno(1,2,3-cd)pyrene	180 U
53-70-3	Dibenzo(a,h)anthracene	180 U
191-24-2	Benzo(g,h,i)perylene	180 U
58-90-2	2,3,4,6-Tetrachlorophenol	180 U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1C (e-form)

						H1PX3 (BGH-SF(0.5)-60).
		aboratories,				
Lab Code:	DATAC	Case No.:	36335	SAS	No.:	SDG No.: H1PT8
Matrix: (so	il/water)	SOIL	_		Lab Sample ID	7116026010
Sample wt/v	ol: <u>30</u>	(g/mL) <u>g</u>	_		Lab File ID:	
Level: (low	/med) LOV	1			Date Received	
		Decanted:			Date Extracted	1:
		/olume: _			Date Analyzed:	
		(uL			Dilution Facto	<u> </u>
GPC Cleanup	: (Y/N)		рн –	8.2	Extraction:	(Type)
CAS NO.	COMPO	UND			CONCENTRATI	ON UNITS:
					(ug/L or ug	/Kg) ug/kg Q
100-52-7	Benzalde	ehyde			_	35 JB
108-95-2	Phenol					190 U
111-44-4	Bis(2-c)	loroethyl)et	her			190 ប
95-57-8	2-Chlore	phenol				190 0
95-48-7	2-Methy.					190 ບ
108-60-1	2,2'-0xy	/bis(1-chloro	propane	:)		190 U
98-86-2	Acetophe	enone				21 JB
106-44-5	4-Methy	phenol				190 U
621-64-7	N-Nitros	o-di-n-propy	lamine	-		190 U
67-72-1	Hexachlo	roethane				190 U
98-95-3	Nitrober	izene				190 0
78-59-1	Isophore	one				190 U
88-75-5	2-Nitro	henol				190 U
105-67-9		thylphenol				190 U
111-91-1	Bis(2-c)	loroethoxy)m	ethane			190 U
120-83-2	2,4-Dic	lorophenol				190 U
91-20-3	Naphtha					190 U
106-47-8	4-Chlore	oaniline				190 U
87-68-3		robutadiene				190 0
105-60-2	Caprola					190 U
59-50-7		o-3-methylphe	nol			190 U
91-57-6		naphthalene				190 U
77-47-4		procyclopenta				190 U
88-06-2		richloropheno				190 U
95-95-4		richloropheno	1			1900
92-52-4	1,1'-Bi					1900
91-58-7		naphthalene				190 0
88-74-4	2-Nitro					370 0
131-11-3		lphthalate				190 U
606-20-2		trotoluene				190 U
208-96-8	Acenaphi					190 U
99-09-2	3-Nitro					370 Ú
83-32-9	Acenaphi					190 U 370 U
51-28-5 100-02-7		trophenol	-			370 U

Form I SV-105 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	ataChem Laboratories, Inc. Contract:	H1PX3 (BGH-SF(0.5)-60)
Lab Code: D	ATAC Case No.: 36335 SAS No.:	SDG No.: H1PT8
Matrix: (soil	/water) SOIL Lab Sample	ID: 7116026010
Sample wt/vol	: 30 (g/mL) g Lab File II	D:
Level: (low/m	ed) LOW Date Receiv	red: 4/26/2007
% Moisture:	11.024 Decanted: (Y/N) Date Extrac	ted:
Concentrated	Extract Volume: (uL) Date Analyz	zed: 5/2/2007
Injection Vol	ume: (uL) Dilution Fa	actor: 1
GPC Cleanup:	(Y/N) pH 8.2 Extraction	(Type)
CAS NO.	COMPOUND CONCENTR	ATION UNITS:
	(ug/L or	ug/Kg) <u>ug/kg</u> Q
132-64-9	Dibenzofuran	1900
121-14-2	2,4-Dinitrotoluene	1900
84-66-2	Diethylphthalate	190 U
86-73-7	Fluorene	1900
7005-72-3	4-Chlorophenyl-phenylether	190 U
100-01-6	4-Nitroaniline	370 U
534-52-1	4,6-Dinitro-2-methylphenol	370 U
86-30-6	N-Nitrosodiphenylamine	190 U
95-94-3	1,2,4,5-Tetrachlorobenzene	190 U
101-55-3	4-Bromophenyl-phenylether	190 U
118-74-1	Hexachlorobenzene	190 U
1912-24-9	Atrazine	190 U
87-86-5	Pentachlorophenol	370 U
85-01-8	Phenanthrene	1900
120-12-7	Anthracene	190lu
86-74-8	Carbazole	190 U
84-74-2	Di-n-butylphthalate	190 U
206-44-0	Fluoranthene	190 U
129-00-0	Pyrene	190 ປ
85-68-7	Butylbenzylphthalate	190 U
91-94-1	3,3'-Dichlorobenzidine	1900
56-55-3	Benzo(a)anthracene	190U
218-01-9	Chrysene	190 U
117-81-7	Bis(2-ethylhexyl)phthalate	15 J
117-84-0	Di-n-octylphthalate	190 U
205-99-2	Benzo(b) fluoranthene	190 U
207-08-9	Benzo(k)fluoranthene	190 U
50-32-8	Benzo (a) pyrene	190 ປ
193-39-5	Indeno(1,2,3-cd)pyrene	190 U
53-70-3	Dibenzo(a,h)anthracene	190 0
191-24-2	Benzo(g,h,i)perylene	190 U
58-90-2	2,3,4,6-Tetrachlorophenol	190 0

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA	SAMPLE	NO.
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H1PX4

Lab Name: Da	taChem Laboratories,	Inc. Cont	ract:	(BGH-SB(2)-60)
Lab Code: DA	TAC Case No.:	36335	SAS No.:	SDG No.: H1PT8
Matrix: (soil/	water) SOIL	-	Lab Sample II	D: 7116026011
Sample wt/vol:	30 (g/mL) g	_	Lab File ID:	
Level: (low/me				d: <u>4/26/2007</u>
	11.307 Decanted:		•	
Concentrated E	Extract Volume:	(uL)	Date Analyzed	d: <u>5/3/2007</u>
Injection Volu	me:(uL)		Dilution Fact	or: <u>1</u>
GPC Cleanup:	(Y/N)	8 Hq	Extraction:	(Туре)
CAS NO.	COMPOUND		CONCENTRAT	ION UNITS: g/Kg) <u>ug/kg</u> Q
100-52-7	Benzaldehyde			33 JB
108-95-2	Phenol	_		190 U
111-44-4	Bis(2-chloroethyl)et	her		190 U
95-57-8	2-Chlorophenol			190 U
95-48-7	2-Methylphenol			190 U
108-60-1	2,2'-Oxybis(1-chloro	propane)		190 U
98-86-2	Acetophenone			19 јв
106-44-5	4-Methylphenol			190 U
621-64-7	N-Nitroso-di-n-propy	lamine		190 U
67-72-1	Hexachloroethane			190 U
98-95-3	Nitrobenzene			190 U
78-59-1	Isophorone			190 U
88-75-5	2-Nitrophenol			190 U
105-67-9	2,4-Dimethylphenol			190 U
111-91-1	Bis(2-chloroethoxy)m	ethane		190 U
120-83-2	2,4-Dichlorophenol			190 U
91-20-3	Naphthalene			190 U
106-47-8	4-Chloroaniline			190 U
87-68-3	Hexachlorobutadiene	-		190 U
105-60-2	Caprolactam			190 U
59-50-7	4-Chloro-3-methylphe	nol		190 U
91-57-6	2-Methylnaphthalene			190 U
77-47-4	Hexachlorocyclopenta	diene		190 U
88-06-2	2,4,6-Trichloropheno			190 U
95-95-4	2,4,5-Trichloropheno	1		190 U
92-52-4	1,1'-Biphenyl			190 U
91-58-7	2-Chloronaphthalene		-	190 U
88-74-4	2-Nitroaniline		-	370 U
131-11-3	Dimethylphthalate			190 U
606-20-2	2,6-Dinitrotoluene			190 ປ
208-96-8	Acenaphthylene			190 Ü
99-09-2	3-Nitroaniline			370 U
83-32-9	Acenaphthene			190 U
51-28-5	2,4-Dinitrophenol			370 U
100-02-7	4-Nitrophenol			370 U

Form I SV-57 (e-form)

OLM04.2

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lah Name:	DataChem Laboratories, Inc. Con	tract.	H1PX4 (BGH-SB(2)-60)
	DATAC Case No.: 36335		ODG No. 111 DEG
			SLG NO.: HIP18
Matrix: (so	il/water) <u>SOIL</u>	Lab Sample ID	7116026011
Sample wt/vo	ol: <u>30 (g/mL) g</u>	Lab File ID:	
Level: (low,	/med) LOW	Date Received	4/26/2007
% Moisture:	11.307 Decanted: (Y/N)	Date Extracted	i:
Concentrated	d Extract Volume:(uL)	Date Analyzed	5/3/2007
Injection Vo	olume: (uL)	Dilution Facto	or: <u>1</u>
GPC Cleanup	(Y/N) pH8	Extraction:	(Туре)
CAS NO.	COMPOUND	CONCENTRATI	ON UNITS:
			/Kg) ug/kg Q
132-64-9	Dibenzofuran		190 U
121-14-2	2,4-Dinitrotoluene		190[0
84-66-2	Diethylphthalate		11]J
86-73-7	Fluorene		190[0
7005-72-3	4-Chlorophenyl-phenylether		190 0
100-01-6	4-Nitroaniline		370 U
534-52-1	4,6-Dinitro-2-methylphenol		ט 370
86-30-6	N-Nitrosodiphenylamine		190 U
95-94-3	1,2,4,5-Tetrachlorobenzene		190 0
101-55-3	4-Bromophenyl-phenylether		190 U
118-74-1	Hexachlorobenzene		190 U
1912-24-9	Atrazine		190 U
87-86-5	Pentachlorophenol		370 U
85-01-8	Phenanthrene		190 U
120-12-7	Anthracene		190 U
86-74-8	Carbazole		190 U
84-74-2	Di-n-butylphthalate	1 -	ט 190
206-44-0	Fluoranthene		190 0
129-00-0	Pyrene		190 0
85-68-7	Butylbenzylphthalate		190 U
91-94-1	3,3'-Dichlorobenzidine		190 U
56-55-3	Benzo(a) anthracene		190 U
218-01-9	Chrysene		190 U
117-81-7	Bis(2-ethylhexyl)phthalate		190 U
117-84-0	Di-n-octylphthalate		190 U
205-99-2	Benzo(b)fluoranthene		190 U
207-08-9	Benzo(k)fluoranthene	i i	190 U
50-32-8	Benzo(a)pyrene		190 U
193-39-5	Indeno(1,2,3-cd)pyrene		190 U
53-70-3	Dibenzo (a, h) anthracene		1900
191-24-2	Benzo(g,h,i)perylene		190 U
58-90-2	2.3.4.6-Tetrachlorophenol		19011

EPA SAMPLE NO.

H1PX7

ab Name: I	DataChem L	aboratories,	Inc. (Contract:		(BGH-SS(20)	5)-50)
					No.:	SDG No.: H	1PX7
matrix: (soil.					Lab Sample ID:		
Sample wt/vol			-		Lab File ID:		_
		-	-				
evel: (low/me	ed) LOW	<u> </u>			Date Received:		
Moisture:	9.7756	Decanted:	(Y/N)		Date Extracted	l:	
Concentrated 1	Extract Vo	lume: _	(uL)	Date Analyzed:	5/11/2007	
Injection Volu	ume:	(uL)			Dilution Facto	or: <u>1</u>	_
GPC Cleanup:	(Y/N)		рн <u>7.</u>	7	Extraction:	(Type)	
CAS NO.	COMPOUT	ND			CONCENTRATIO	ON UNITS:	
cho no.	COMPONI	.,				/Kg) ug/kg	Q
100 53 7	I Danua 13a	hudo			1		J
100-52-7	Benzalde Phenol	nyde				190	
108-95-2 111-44-4		loroethyl)e	ther		- 	190	
95-57-8			riiei		_	190	
	2-Chlore					190	
95-48-7 108-60-1	2-Methyl	bis(1-chlor	onronana/			190	
98-86-2	Acetophe		opropane,			14	
106-44-5	4-Methyl		-			190	
621-64-7		o-di-n-prop	vlamino			190	
67-72-1		roethane	yramine			190	
98-95-3	Nitroben					190	
78-59-1	Isophore					190	
88-75-5	2-Nitrop					190	
105-67-9		thylphenol				190	
		loroethoxy)	mot hana			190	
111-91-1			шеспапе			190	
120-83-2		lorophenol				190	
91-20-3	Naphthal					190	
106-47-8	4-Chlore	orobutadiene				190	
87-68-3	Caprolac				+	190	
105-60-2			Inne			190	
59-50-7 91-57-6		naphthalene				190	
77-47-4		procyclopent				190	
88-06-2		ichlorophen			-	190	
95-95-4		ichlorophen				190	
92-52-4			<u> </u>			190	
91-58-7	1,1'-Big	onenyi onaphthalene				190	
	2-Chiore					370	
88-74-4						190	
131-11-3		phthalate				190	
606-20-2		trotoluene			-	190	
208-96-8	Acenapht					370	
99-09-2	3-Nitro					190	
83-32-9	Acenapht					370	
51-28-5	1 2,4-Dini	trophenol		_	L	3/0	

Form I SV-3 (e-form)

100-02-7

4-Nitrophenol

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

	DENTIONALINE ONGMETCE AND	BIOIS DATA BREET		
Lab Name:	wataChem Laboratories, Inc. Co	ontract:	H1PX (BGH-SS(20	
Lab Code:	ATAC Case No.: 36335	SAS No.:	SDG .No.: H	11PX7
Matrix: (soil,	(water) SOIL	Lab Sample ID:	71180080	001
Sample wt/vol:	30 (g/mL) <u>g</u>	Lab File ID:		
Level: (low/me	ed) LOW	Date Received:	04/27/20	07_
% Moisture:	9.7756 Decanted: (Y/N)	Date Extracted	i:	
Concentrated I	Extract Volume: (uL)	Date Analyzed:	5/11/2007	_
Injection Volu	ume:(uL)	Dilution Facto	or: <u>1</u>	
GPC Cleanup:	(Y/N) pH _7.7	Extraction:	(Type)	
CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug	ON UNITS: /Kg) ug/kg	Q
132-64-9	Dibenzofuran		190	Ü
121-14-2	2,4-Dinitrotoluene		190	ט –
84-66-2	Diethylphthalate		190	Ü
86-73-7	Fluorene		190	U
7005-72-3	4-Chlorophenyl-phenylether		190	Ū
100-01-6	4-Nitroaniline		370	Ū
534-52-1	4,6-Dinitro-2-methylphenol		370	
86-30-6	N-Nitrosodiphenylamine		190	
95-94-3	1,2,4,5-Tetrachlorobenzene		190	
101-55-3	4-Bromophenyl-phenylether		190	U
118-74-1	Hexachlorobenzene		190	
1912-24-9	Atrazine		190	
87-86-5	Pentachlorophenol		370	Ū

190 U 190 U

190 U

190 U

190 U

190 U

190 U

190 U 190 U

190 U

36 J

190 U

190 U

190 U

190 Ū

190 U

190 U 190 U

85-01-8

86-74-8

84-74-2

206-44-0

129-00-0

85-68-7

91-94-1

56-55-3

218-01-9

117-81-7

117-84-0

205-99-2

207-08-9

50-32-8

193-39-5

53-70-3

191-24-2

58-90-2

120-12-7

Phenanthrene

Fluoranthene

Di-n-butylphthalate

Benzo(a)anthracene

Di-n-octylphthalate Benzo(b)fluoranthene

Benzo(k)fluoranthene

Indeno(1,2,3-cd)pyrene

Dibenzo(a,h)anthracene

Benzo(g,h,i)perylene 2,3,4,6-Tetrachlorophenol

Benzo(a)pyrene

Butylbenzylphthalate 3,3'-Dichlorobenzidine

Bis(2-ethylhexyl)phthalate

Anthracene

Carbazole

Pyrene

Chrysene

____(uL)

EPA SAMPLE NO.

Lab Name:	DataChem I	aboratories,	Inc.	Contract: _		H1 (BGH-SF(PX8 0.5)-61)
Lab Code:	DATAC	Case No.:	36335	SAS No.:		SDG No.:	H1PX7
Matrix: (so	il/water)	SOIL	_	Lab	Sample ID:	711800	8002
Sample wt/vo	ol: <u>30</u>	(g/mL) g	_	Lab	File ID:		
Level: (low	/med) LOW			Date	e Received:	04/27/	2007

Injection Volume: GPC Cleanup: (Y/N) pH _9.1

Concentrated Extract Volume:

% Moisture:

9.5016 Decanted: (Y/N)

Dilution Factor: 1

Extraction: (Type)

Date Analyzed: 5/11/2007

Date Extracted:

CAS NO. COMPOUND		CONCENTRATION UNITS:		
		(ug/L or ug/Kg) ug/kg Q		
100-52-7	Benzaldehyde	170 J		
108-95-2	Phenol	190 U		
111-44-4	Bis(2-chloroethyl)ether	190 U		
95-57-8	2-Chlorophenol	190 U		
95-48-7	2-Methylphenol	190 U		
108-60-1	2,2'-Oxybis(1-chloropropane)	190 U		
98-86-2	Acetophenone	13 ј		
106-44-5	4-Methylphenol	190 U		
621-64-7	N-Nitroso-di-n-propylamine	190 U		
67-72-1	Hexachloroethane	190 U		
98-95-3	Nitrobenzene	190 U		
78-59-1	Isophorone	190 U		
88-75-5	2-Nitrophenol	190 U		
105-67-9	2,4-Dimethylphenol	190 U		
111-91-1	Bis(2-chloroethoxy)methane	190 U		
120-83-2	2,4-Dichlorophenol	190 U		
91-20-3	Naphthalene	190 U		
106-47-8	4-Chloroaniline	190 U		
87-68-3	Hexachlorobutadiene	190 Ü		
105-60-2	Caprolactam	190 U		
59-50 <i>-</i> 7	4-Chloro-3-methylphenol	190 U		
91-57-6	2-Methylnaphthalene	190 U		
77-47-4	Hexachlorocyclopentadiene	190 U		
88-06-2	2,4,6-Trichlorophenol	190 U		
95-95-4	2,4,5-Trichlorophenol	190 U		
92-52-4	1,1'-Biphenyl	190 U		
91-58-7	2-Chloronaphthalene	190 U		
88-74-4	2-Nitroaniline	360 U		
131-11-3	Dimethylphthalate	190 ປ		
606-20-2	2,6-Dinitrotoluene	190 U		
208-96-8	Acenaphthylene	190 U		
99-09-2	3-Nitroaniline	360 U		
83-32-9	Acenaphthene	190 U		
51-28-5	2,4-Dinitrophenol	360 U		
100-02-7	4-Nitrophenol	360 U		

Form I SV-83 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		H1PX8
Lab Name:	DataChem Laboratories, Inc. Contract:	(BGH-SF(0.5)-61)
Lab Code:E	NATAC Case No.: 36335 SAS No.:	SDG No.: H1PX7
Matrix: (soil/	(water) SOIL Lab Sam	ple ID: 7118008002
Sample wt/vol:	: 30 (g/mL) g Lab Fil	e ID:
Level: (low/me	ed) <u>LOW</u> Date Re	ceived: 04/27/2007
% Moisture:	9.5016 Decanted: (Y/N) Date Ex	tracted:
Concentrated F	Extract Volume:(uL) Date An	alyzed: <u>5/11/2007</u>
Injection Volu	me: (uL) Dilutio	n Factor: 1
GPC Cleanup:	(Y/N) pH9.1 Extract	ion: (Type)
CAS NO.	COMPOUND CONCE	ENTRATION UNITS:
	(ug/L	or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	190l U
121-14-2	2,4-Dinitrotoluene	190 U
	Diethylphthalate	190 U
84-66-2 86-73-7	Fluorene	190 U
	4-Chlorophenyl-phenylether	190 U
1005-72-3	4-Chroropheny1-pheny1ether	360 U
100-01-6		360 U
7005-72-3 100-01-6 534-52-1 86-30-6	4,6-Dinitro-2-methylphenol	190 U
86-30-6	N-Nitrosodiphenylamine	190 0
95-94-3	1,2,4,5-Tetrachlorobenzene	
101-55-3	4-Bromophenyl-phenylether	190 U
118-74-1	Hexachlorobenzene	190 U
1912-24-9	Atrazine	190 U
87-86-5	Pentachlorophenol	360 U
85-01-8	Phenanthrene	190 U
120-12-7	Anthracene	ט 190
86-74-8	Carbazole	190 ປ
84-74-2	Di-n-butylphthalate	190 U
206-44-0	Fluoranthene	190 U
129-00-0	Pyrene	190 U
85-68-7	Butylbenzylphthalate	190 U
91-94-1	3,3'-Dichlorobenzidine	190 U
56-55-3	Benzo(a)anthracene	190 U
218-01-9	Chrysene	190 0
117-81-7	Bis(2-ethylhexyl)phthalate	190 U
117-84-0	Di-n-octylphthalate	190 U
205-99-2	Benzo(b) fluoranthene	190 U
207-08-9	Benzo(k)fluoranthene	190 U
50-32-8	Benzo(a) pyrene	190 ບ
193-39-5	Indeno(1,2,3-cd)pyrene	190 U
53-70-3	Dibenzo(a,h)anthracene	190 U
191-24-2	Benzo(g,h,i)perylene	190 U
58-90-2	2,3,4,6-Tetrachlorophenol	190 U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PX9

Lab Name: _	DataChem Laboratories, Inc. Contract: (BGH-SB(2)-61	()
	DATAC Case No.: 36335 SAS No.: SDG No.: H1PX	7
Matrix: (soil	/water) SOIL Lab Sample ID: 7118008003	
Sample wt/vol	l: 30 (g/mL) g Lab File ID:	_
Level: (low/m	ned) LOW Date Received: 04/27/2007	
% Moisture:	7.1181 Decanted: (Y/N) Date Extracted:	
Concentrated	Extract Volume: (uL) Date Analyzed: 5/11/2007	
Injection Vol	Lume: (uL) Dilution Factor: 1	
GPC Cleanup:	(Y/N) pH 8.4 Extraction: (Type)	
CAS NO.	COMPOUND CONCENTRATION UNITS:	
	(ug/L or ug/Kg) ug/kg Q	?
100-52-7	Benzaldehyde 17 J	\neg
108-95-2	Phenol 180 U	
111-44-4 95-57-8 95-48-7 108-60-1 98-86-2	Bis(2-chloroethyl)ether 180 U	
95-57-8	2-Chlorophenol 180 U	\neg
95-48-7	2-Methylphenol 180 U	\dashv
108-60-1	2,2'-Oxybis(1-chloropropane) 180 U	\neg
98-86-2	Acetophenone 13 J	$\neg \neg$
106-44-5	4-Methylphenol 180 U	-
621-64-7	N-Nitroso-di-n-propylamine 180 U	\neg
67-72-1	Hexachloroethane 180 U	
98-95-3	Nitrobenzene 180 U	
78-59-1	Isophorone 180 U	\neg
88-75-5	2-Nitrophenol 180 U	\neg
105-67-9	2,4-Dimethylphenol 180 U	\neg
111-91-1	Bis(2-chloroethoxy)methane 180 U	\dashv
120-83-2	2,4-Dichlorophenol 180 U	\neg
91-20-3	Naphthalene 180 U	\neg
106-47-8	4-Chloroaniline 180 U	\neg
87-68-3	Hexachlorobutadiene 180 U	\neg
105-60-2	Caprolactam 180 U	\neg
59-50-7	4-Chloro-3-methylphenol 180 U	\neg
91-57-6	2-Methylnaphthalene 180 U	\neg
77-47-4	Hexachlorocyclopentadiene 180 U	\neg
88-06-2	2,4,6-Trichlorophenol 180 U	\neg
95-95-4	2,4,5-Trichlorophenol 180 U	\neg
92~52-4	1,1'-Biphenyl 180 U	\neg
91-58-7	2-Chloronaphthalene 180 U	\neg
88-74-4	2-Nitroaniline 360 U	\neg
131-11-3	Dimethylphthalate 180 U	\neg
606-20-2	2,6-Dinitrotoluene 180 U	\Box
208-96-8	Acenaphthylene 180 U	\Box
99-09-2	3-Nitroaniline 360 U	\neg
83-32-9	Acenaphthene 180 U	
51-28-5	2,4-Dinitrophenol 360 U	\neg
100-02-7	4-Nitrophenol 360 U	\neg

Form I SV-9 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PX9 (BGH-SB(2)-61) DataChem Laboratories, Inc. Contract: Lab Name: Case No.: 36335 SAS No.: SDG No.: H1PX7 Lab Code: DATAC SOIL Lab Sample ID: 7118008003 Matrix: (soil/water) Sample wt/vol: 30 (g/mL) <u>g</u> Lab File ID: 04/27/2007 Date Received: Level: (low/med) LOW % Moisture: 7.1181 Decanted: (Y/N) Date Extracted: Concentrated Extract Volume: Date Analyzed: 5/11/2007 (uL) Dilution Factor: Injection Volume: (Y/N) pH _8.4 Extraction: (Type) GPC Cleanup: CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg Q 132-64-9 Dibenzofuran 180 บ 121-14-2 2,4-Dinitrotoluene Diethylphthalate 180 U 84-66-2 180 U 86-73-7 Fluorene 180 U 7005-72-3 4-Chlorophenyl-phenylether 360 ਹ 100-01-6 4-Nitroaniline 360 U 534-52-1 4.6-Dinitro-2-methylphenol N-Nitrosodiphenylamine 86-30-6 180 Ü 95-94-3 1,2,4,5-Tetrachlorobenzene 4-Bromophenyl-phenylether 180 U 101-55-3 180 U 118-74-1 Hexachlorobenzene 1912-24-9 Atrazine 180 U Pentachlorophenol 360 U 87-86-5 180 U 85-01-8 Phenanthrene 180 U 120-12-7 Anthracene 180 U 86-74-8 Carbazole 84-74-2 Di-n-butylphthalate 180 U 180 U 206-44-0 Fluoranthene 180 U 129-00-0 Pyrene 180 U 85-68-7 Butylbenzylphthalate 180 U 3,3 -Dichlorobenzidine 91-94-1 56-55-3 Benzo(a) anthracene 180 U 180 U 218-01-9 Chrysene Bis(2-ethylhexyl)phthalate 180 U 117-81-7 Di-n-octylphthalate 117-84-0 180 U 205-99-2 Benzo(b) fluoranthene 180 U 207-08-9 Benzo(k) fluoranthene 180 U 50-32-8 Benzo(a)pyrene 180 U 193-39-5 Indeno(1,2,3-cd)pyrene 180 U Dibenzo(a, h) anthracene 53-70-3 180 U

180 U

191-24-2

58-90-2

Benzo(g,h,i)perylene

2,3,4,6-Tetrachlorophenol

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PY0

1C (e-form)

Lab Name:	DataChem Laboratories, Inc. Cont	ract: (BGH-SF(0.5)-62)
Lab Code:	DATAC Case No.: 36335	SAS No.: SDG No.: _H1PX7
Matrix: (soil	/water) SOIL	Lab Sample ID: 7118008004
Sample wt/vol	: 30 (g/mL) g	Lab File ID:
Level: (low/m	ned) LOW	Date Received: 04/27/2007
% Moisture:	8.1911 Decanted: (Y/N)	Date Extracted:
Concentrated	Extract Volume:(uL)	Date Analyzed: 5/11/2007
Injection Vol	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N)pH <u>8.6</u>	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) <u>ug/kg</u> Q
100-52-7	Benzaldehyde	97 J
108-95-2	Phenol	190 U
111-44-4	Bis(2-chloroethyl)ether	190 U
95-57-8	2-Chlorophenol	190 U
95-48-7	2-Methylphenol	190 U
108-60-1	2,2'-Oxybis(1-chloropropane)	190 U
98-86-2	Acetophenone	16 J
106-44-5	4-Methylphenol	190 U
621-64-7	N-Nitroso-di-n-propylamine	190 U
67-72-1	Hexachloroethane	190 Ü
98-95-3	Nitrobenzene	190 U
78-59-1	Isophorone	190 0
88-75-5	2-Nitrophenol	190 U
105-67-9	2,4-Dimethylphenol	190 0
111-91-1	Bis(2-chloroethoxy)methane	190 U
120-83-2	2,4-Dichlorophenol	190 0
91-20-3	Naphthalene	8.5 J
106-47-8	4-Chloroaniline	190 U
87-68-3	Hexachlorobutadiene	. 190 U
105-60-2	Caprolactam	190 U
59-50-7	4-Chloro-3-methylphenol	190 U
91-57-6	2-Methylnaphthalene	9.1 J
77-47-4	Hexachlorocyclopentadiene	190 U
88-06-2	2,4,6-Trichlorophenol	190 U
95-95-4	2,4,5-Trichlorophenol	190 U
92-52-4	1,1'-Biphenyl	190 U
91-58-7	2-Chloronaphthalene	190 U
88-74-4	2-Nitroaniline	360 U
131-11-3	Dimethylphthalate	190 U
606-20-2	2,6-Dinitrotoluene	190 U
208-96-8	Acenaphthylene	190 U
99-09-2	3-Nitroaniline	360 U
83-32-9	Acenaphthene	190 U
51-28-5	2,4-Dinitrophenol	360 U
100-02-7	4-Nitrophenol	360 U

Form I SV-87 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem Lab	oratories,	Inc.	Contract:		H1PY0 (BGH-SF(0.5)-62)
Lab Code:	DATAC C	ase No.:	36335	SAS I	No.:	SDG No.: H1PX7
Matrix: (soi	1/water) S	OIL			Lab Sample ID	7118008004
Sample wt/vo	1: 30 (g/mL) g			Lab File ID:	
Level: (low/	med) LOW	_			Date Received:	04/27/2007
% Moisture:	8.1911 D	ecanted:	(Y/N)		Date Extracted	1:
Concentrated	Extract Volu	ıme:	(u	L)	Date Analyzed:	5/11/2007
Injection Vo	lume:	(uL)			Dilution Facto	or: 1
GPC Cleanup:	(Y/N)		8_ Hq	. 6	Extraction:	(Type)
CAS NO.	COMPOUND				CONCENTRATI	ON UNITS:
					(ug/L or ug	/Kg) <u>ug/kg</u> Q
132-64-9	Dibenzofu	ran		_	_ i	190 U
121-14-2	2,4-Dinit	rotoluene				190 U
84-66-2	Diethylph	thalate				190 U
86-73-7	Fluorene				1	190 U

		(ug/L or ug/kg/ ug/kg	Q
132-64-9	Dibenzofuran	190	Ū
121-14-2	2,4-Dinitrotoluene	190	Ū
84-66-2	Diethylphthalate	190	Ü
86-73-7	Fluorene	190	Ū
7005-72-3	4-Chlorophenyl-phenylether	190	U
100-01-6	4-Nitroaniline	360	U
534-52-1	4,6-Dinitro-2-methylphenol	360	U
86-30-6	N-Nitrosodiphenylamine	190	U
95-94-3	1,2,4,5-Tetrachlorobenzene	190	Ū
101-55-3	4-Bromophenyl-phenylether	190	Ū
118-74-1	Hexachlorobenzene	190	Ü
1912-24-9	Atrazine	190	Ū
87-86-5	Pentachlorophenol	360	Ü
85-01-8	Phenanthrene	190	Ū
120-12-7	Anthracene	190	Ū
86-74-8	Carbazole	190	U
84-74-2	Di-n-butylphthalate	190	U
206-44-0	Fluoranthene	190	U
129-00-0	Pyrene	10	J
85-68-7	Butylbenzylphthalate	190	Ū
91-94-1	3,3'-Dichlorobenzidine	190	Ü
56-55-3	Benzo(a)anthracene	190	U
218-01-9	Chrysene	7.9	Ĵ
117-81-7	Bis(2-ethylhexyl)phthalate	34	J
117-84-0	Di-n-octylphthalate	190	U
205-99-2	Benzo(b) fluoranthene	15	Ĵ
207-08-9	Benzo(k) fluoranthene	190	Ū
50-32-8	Benzo(a) pyrene	190	U
193-39-5	Indeno(1,2,3-cd)pyrene	190	U
53-70-3	Dibenzo(a, h) anthracene	190	Ü
191-24-2	Benzo(g,h,i)perylene		J
58-90-2	2,3,4,6-Tetrachlorophenol	190	U

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		H1PY1 (BGH-SB(2)-62)
	DataChem Laboratories, Inc. Contract:	
	<u>DATAC</u> Case No.: 36335 SAS No.:	
Matrix: (so	oil/water) SOIL Lab Sample ID:	7118008005
Sample wt/vo	vol: 30 (g/mL) g Lab File ID:	
Level: (low,	v/med) LOW Date Received:	
% Moisture:	9.5406 Decanted: (Y/N) Date Extracted	:
Concentrated	ed Extract Volume: (uL) Date Analyzed:	
Injection Vo	/olume:(uL) Dilution Factor	r: <u>1</u>
GPC Cleanup	pH 8.7 Extraction:	(Type)
CAS NO.	COMPOUND CONCENTRATIO	N UNITS:
	(ug/L or ug/	Kg) <u>ug/kg</u> Q
100-52-7	Benzaldehyde	24 J
108-95-2		190 U
111-44-4		190 ט
95-57-8	2-Chlorophenol	ט 190
95-48-7 .	2-Methylphenol	190 U
108-60-1	2,2'-Oxybis(1-chloropropane)	ט 190
98-86-2	Acetophenone	12 J
106-44-5	4-Methylphenol	190[ט
621-64-7	N-Nitroso-di-n-propylamine	190 U
67-72-1	Hexachloroethane	190 0
98-95-3	Nitrobenzene	190 U
78-59-1	Isophorone	190 U
88-75-5	2-Nitrophenol	190 ບ
105-67-9	2,4-Dimethylphenol	190 U
111-91-1	Bis(2-chloroethoxy)methane	190 U
120-83-2	2,4-Dichlorophenol	190 U
91-20-3	Naphthalene	ַט 190
106-47-8	4-Chloroaniline	190 0
87-68-3	Hexachlorobutadiene	190 U
105-60-2	Caprolactam	190 U
59-50-7	4-Chloro-3-methylphenol	190 U
91-57-6	2-Methylnaphthalene	190 U
77-47-4	Hexachlorocyclopentadiene	190 บ
88-06-2	2,4,6-Trichlorophenol	190 ປ
95-95-4	2,4,5-Trichlorophenol	190 U
92~52-4	1,1'-Biphenyl	190 U
91-58-7	2-Chloronaphthalene	190 U 360 U
88-74-4	2-Nitroaniline	
131-11-3	Dimethylphthalate	190 U
606-20-2	2,6-Dinitrotoluene	190 0
208-96-8	Acenaphthylene	360 U
99-09-2 83-32-9	3-Nitroaniline Acenaphthene	190 U
51-28-5	2,4-Dinitrophenol	360 U
100-02-7	4-Nitrophenol	360 U
100-02-7	4-N1CTOPHENOT	300 0

Form I SV-15 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		H1PY1	
Lab Name: D	DataChem Laboratories, Inc. Contract:	(BGH-SB(2)	-62)
Lab Code: D	NATAC Case No.: 36335 SAS No.:	SDG No.: HI	LPX7
Matrix: (soil/	/water) SOIL Lab Sample ID:	711800800	05
Sample wt/vol:	: 30 (g/mL) g Lab File ID:		
Level: (low/me			-
% Moisture:	9.5406 Decanted: (Y/N) Date Extracted:	:	
Concentrated E	Extract Volume: (uL) Date Analyzed:	5/11/2007	
	ume:(uL) Dilution Factor	r: <u>1</u>	_
	(Y/N) pH 8.7 Extraction:	(Type)	
CAS NO.	• • • • • • • • • • • • • • • • • • • •		•
	(ug/L or ug/l		
132-64-9	Dibenzofuran	190	Ü
121-14-2	2,4-Dinitrotoluene	190	
84-66-2	Diethylphthalate	190	
86-73-7	Fluorene	190	
7005-72-3	4-Chlorophenyl-phenylether		U -
100-01-6	4-Nitroaniline	360	
534-52-1	4,6-Dinitro-2-methylphenol	360	
86-30-6	N-Nitrosodiphenylamine	190	
95-94-3	1,2,4,5-Tetrachlorobenzene	190	ŭ
101-55-3	4-Bromophenyl-phenylether	190	
118-74-1	Hexachlorobenzene	190	
1912-24-9	Atrazine	190	
87-86-5	Pentachlorophenol	360	
85-01-8	Phenanthrene	190	
120-12-7	Anthracene	190	
86-74-8 84-74-2	Carbazole	190	
206-44-0	Di-n-butylphthalate Fluoranthene	190 190	
129-00-0	Pyrene	190	
85-68-7	Butylbenzylphthalate	190	
91-94-1	3,3'-Dichlorobenzidine	190	
56-55-3	Benzo(a)anthracene	190	
218-01-9	Chrysene	190	
117-81-7	Bis(2-ethylhexyl)phthalate	190	
117-84-0	Di-n-octylphthalate	190	
205-99-2	Benzo(b) fluoranthene	190	
207-08-9	Benzo(k)fluoranthene	190	
50-32-8	Benzo(a)pyrene	190	
193-39-5	Indeno(1,2,3-cd)pyrene	190	
53-70-3	Dibenzo(a,h)anthracene	190	
191-24-2	Benzo(g,h,i)perylene		
58-90-2	2,3,4,6-Tetrachlorophenol	190	Ū

EPA SAMPLE NO.

IC (E-IOIM)									
SEMITVOLATILE	ORGANICS	ANALYSIS	DATA	SHEET					

		H1PY2 (BGH-SF(0.5)-63)
	DataChem Laboratories, Inc. Con-	cract:
Lab Code: _	DATAC Case No.: 36335	SAS No.: SDG No.: H1PX7
	/water) SOIL	Lab Sample ID: 7118008008
Sample wt/vol	: <u>30</u> (g/mL) <u>g</u>	Lab File ID:
Level: (low/m	ed) <u>LOW</u>	Date Received: 04/27/2007
% Moisture:	5.0505 Decanted: (Y/N)	Date Extracted:
Concentrated	Extract Volume: (uL)	Date Analyzed: 5/11/2007
Injection Vol	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH 8.6	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) <u>ug/kg</u> Q
100-52-7	Benzaldehyde	24 J
108-95-2	Phenol	180 U
111-44-4	Bis(2-chloroethyl)ether	180 U
95-57-8	2-Chlorophenol	180 U
95-48-7	2-Methylphenol	180 U
108-60-1	2,2'-Oxybis(1-chloropropane)	180 U
98-86-2	Acetophenone	8.6 J
106-44-5	4-Methylphenol	180 U
621-64-7	N-Nitroso-di-n-propylamine	180 U
67-72-1	Hexachloroethane	180 Ü
98-95-3	Nitrobenzene	180 U
78-59-1	Isophorone	180 U
88-75-5	2-Nitrophenol	180 U
105-67-9	2,4-Dimethylphenol	180 U
111-91-1	Bis(2-chloroethoxy)methane	180 U
120-83-2	2,4-Dichlorophenol	180 U
91-20-3	Naphthalene	180 U
106-47-8	4-Chloroaniline	180 U
87-68-3	Hexachlorobutadiene	180 U
105-60-2	Caprolactam	180 Ú
59-50-7	4-Chloro-3-methylphenol	180 U
91-57-6	2-Methylnaphthalene	180 U
77-47-4	Hexachlorocyclopentadiene	180 U
88-06-2	2,4,6-Trichlorophenol	180 U
95-95-4	2,4,5-Trichlorophenol	180 U
92-52-4	1,1'-Biphenyl	. 180 U
91-58-7	2-Chloronaphthalene	180 U
88-74-4	2-Nitroaniline	. 350 U
131-11-3	Dimethylphthalate	180 U
606-20-2	2,6-Dinitrotoluene	180 U
208-96-8	Acenaphthylene	180 U
99-09-2	3-Nitroaniline	350 U
83-32-9	Acenaphthene	180 U
51-28-5	2,4-Dinitrophenol	350 U
100-02-7	4-Nitrophenol	350 U

Form I SV-91 (e-form)

OLM04.2

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	ataChem Laboratories, Inc. Cont	(BGH-SF(0.5)-63)
		SAS No.: SDG No.: H1PX7
		SAS NO.: SDG NO.: HIPX/
Matrix: (soil/	water) SOIL	Lab Sample ID: 7118008008
Sample wt/vol:	30 (g/mL) g	Lab File ID:
Level: (low/me	d) LOW	Date Received: 04/27/2007
% Moisture:	5.0505 Decanted: (Y/N)	Date Extracted:
Concentrated E	xtract Volume:(uL)	Date Analyzed: 5/11/2007
Injection Volu	me:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.6</u>	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	180 U
751 7775	2.4-Dinitrotoluene	180 U
84-66-2 86-73-7 7005-72-3 100-01-6 534-52-1 86-30-6 95-94-3 101-55-3	Diethylphthalate	180 U
86-73-7	Fluorene	180 U
7005-72-3	4-Chlorophenyl-phenylether	180 U
100-01-6	4-Nitroaniline	350 U
534-52-1	4,6-Dinitro-2-methylphenol	350 U
86-30-6	N-Nitrosodiphenylamine	180 U
95-94-3	1,2,4,5-Tetrachlorobenzene	180 U
101-55-3 118-74-1 1912-24-9 87-86-5 85-01-8 120-12-7	4-Bromophenyl-phenylether	180 U
118-74-1	Hexachlorobenzene	180 U
1912-24-9	Atrazine	180 U
87-86-5	Pentachlorophenol	350 U
85-01-8	Phenanthrene	180 0
120-12-7	Anthracene	180 U
86-74-8 84-74-2 206-44-0 129-00-0 85-68-7	Carbazole	180 U
84-74-2	Di-n-butylphthalate	22 Ј
206-44-0	Fluoranthene	180 U
129-00-0	Pyrene	180 U
85-68-7	Butylbenzylphthalate	180 U
91-94-1	3,3'-Dichlorobenzidine	180 U
56-55-3	Benzo(a)anthracene	180 U
218-01-9	Chrysene	180 U
117-81-7	Bis(2-ethylhexyl)phthalate	24 ј
117-84-0	Di-n-octylphthalate	180 U
205-99-2	Benzo(b)fluoranthene	180 U
207-08-9	Benzo(k)fluoranthene	180 U
50-32-8	Benzo(a) pyrene	180 U
193-39-5	Indeno(1,2,3-cd)pyrene	180 U
53-70-3	Dibenzo(a,h)anthracene	180 U
191-24-2	Benzo(g,h,i)perylene	180 0
58-90-2	2,3,4,6-Tetrachlorophenol	180 U

EPA SAMPLE NO.

H1PY3

ic (e-idim)								
SEMIVOLATILE	ORGANICS	ANALYSIS	DATA	SHEET				

Lab Name: D	ataChem Laboratories, Inc. Cont	ract: (BGH-SB(2)-63)
Lab Code: _D	ATAC Case No.: 36335	SAS No.: SDG No.: H1PX7
Matrix: (soil/	(water) SOIL	Lab Sample ID: 7118008009
Sample wt/vol:	30 (g/mL) <u>g</u>	Lab File ID:
Level: (low/me	d) LOW	Date Received: 04/27/2007
-	4.6181 Decanted: (Y/N)	-
Concentrated F	Extract Volume:(uL)	
	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.5</u>	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	19 J
108-95-2	Phenol	180 U
111-44-4	Bis(2-chloroethyl)ether	180 U
95-57-8	2-Chlorophenol	180 0
95-48-7	2-Methylphenol	180 U
108-60-1	2,2'-Oxybis(1-chloropropane)	180 U
98-86-2	Acetophenone	9.4 J
106-44-5	4-Methylphenol	180 U
621-64-7	N-Nitroso-di-n-propylamine	180 U
67-72-1	Hexachloroethane	180 U
98-95-3	Nitrobenzene	180 U
78-59-1	Isophorone	180 Ú
88-75-5	2-Nitrophenol	180 U
105-67-9	2,4-Dimethylphenol	180 U
111-91-1	Bis(2-chloroethoxy)methane	180 U
120-83-2	2.4-Dichlorophenol	180 Ü
91-20-3	Naphthalene	180 U
106-47-8	4-Chloroaniline	180 U
87-68-3	Hexachlorobutadiene	180 U
105-60-2	Caprolactam	180 U
59-50-7	4-Chloro-3-methylphenol	180 U
91-57-6	2-Methylnaphthalene	180 U
77-47-4	Hexachlorocyclopentadiene	180 U
88-06-2	2,4,6-Trichlorophenol	180 U
95-95-4	2,4,5-Trichlorophenol	180 U
92-52-4	1,1'-Biphenyl	180 U
91-58-7	2-Chloronaphthalene	180 U
88-74-4	2-Nitroaniline	350 U
131-11-3	Dimethylphthalate	180 Ü
606-20-2	2,6-Dinitrotoluene	180 U
208-96-8	Acenaphthylene	180 U
99-09-2	3-Nitroaniline	350 U
83-32-9	Acenaphthene	180 U
51-28-5	2,4-Dinitrophenol	350 U
100-02-7	4-Nitrophenol	350 U

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

		H1PY3 (BGH-SB(2)-	
	DataChem Laboratories, Inc. Con		
		SAS No.: SDG No.: H1	PX7
Matrix: (soil	/water) SOIL	Lab Sample ID: 711800800	9
Sample wt/vol	: 30 (g/mL) g	Lab File ID:	
Level: (low/m	ed) LOW	Date Received: 04/27/2007	
% Moisture:	4.6181 Decanted: (Y/N)		_
Concentrated :	Extract Volume:(uL)		
	ume:(uL)	Dilution Factor: 1	_
	(Y/N) pH 8.5		
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	^
132-64-9	Dibenzofuran	180	
121-14-2	2,4-Dinitrotoluene	180	
84-66-2	Diethylphthalate	180	
86-73-7	Fluorene	180	
7005-72-3	4-Chlorophenyl-phenylether	180	
100-01-6	4-Nitroaniline	350	
534-52-1	4,6-Dinitro-2-methylphenol		Ü
86-30-6	N-Nitrosodiphenylamine	180	
95-94-3	1,2,4,5-Tetrachlorobenzene	180	
101-55-3	4-Bromophenyl-phenylether	180	
118-74-1	Hexachlorobenzene	180	
1912-24-9	Atrazine	180	
87-86-5	Pentachlorophenol	350}	
85-01-8	Phenanthrene	180	
120-12-7	Anthracene	180	
86-74-8	Carbazole	180	
84-74-2	Di-n-butylphthalate	180	
206-44-0	Fluoranthene	180	
129-00-0	Pyrene	180	
85-68-7	Butylbenzylphthalate	180	
91-94-1	3,3'-Dichlorobenzidine	180	
56-55-3 218-01-9	Benzo (a) anthracene	180	
117-81-7	Chrysene	180	
117-81-7	Bis(2-ethylhexyl)phthalate	180	
205-99-2	Di-n-octylphthalate	180	
207-08-9	Benzo(b)fluoranthene Benzo(k)fluoranthene	180	
50-32-8		180	
193-39-5	Benzo (a) pyrene	180	
53-70-3	Indeno(1,2,3-cd)pyrene Dibenzo(a,h)anthracene	180 0	
191-24-2	Benzo(g,h,i)perylene	180 (
58-90-2	2.3.4.6-Tetrachlorophenol	1801	

Benzo(K)rluorantnene
Benzo(A)pyrene
Indeno(1,2,3-cd)pyrene
Dibenzo(a,h)anthracene
Benzo(g,h,i)perylene
2,3,4,6-Tetrachlorophenol

58-90-2

180 U 180 U 180 U 180 U

1C (e-form) SEMI

DataChem Laboratories, Inc. Contract: Case No.: 36335

SOIL

Lab Name:

Lab Code:

DATAC

Matrix: (soil/water)

EPA SAMPLE NO.

(BGH-SF(0.5)-64)

SDG No.: H1PX7

Lab Sample ID: 7118008010

IC (e-IOIM)					EFM	SAMPLE	MO	
IVOLATILE	ORGANICS	ANALYSIS	DATA	SHEET				
					Ţ.		H1P	Y4

SAS No.: _____

Sample wt/vol: 30 (g/mL) g Lab File ID:	Lab File ID:				
Level: (low/med) LOW Date Received: 04/2	7/2007				
% Moisture: 5.1051 Decanted: (Y/N) Date Extracted:	Date Extracted:				
Concentrated Extract Volume: (uL) Date Analyzed: 5/11/	2007				
Injection Volume: (uL) Dilution Factor: 1					
GPC Cleanup: (Y/N) pH 8.2 Extraction: (Type)					
CAS NO. COMPOUND CONCENTRATION UNITS	:				
(ug/L or ug/Kg) _ug	g/kg Q				
100-52-7 Benzaldehyde	29 J				
108-95-2 Pheno1	180 U				
108-95-2 Phenol 111-44-4 Bis(2-chloroethyl)ether	180 U				
95-57-8 2-Chlorophenol	180 U				
95-48-7 2-Methylphenol	180 U				
108-60-1 2,2'-Oxybis(1-chloropropane)	180 U				
98-86-2 Acetophenone	20 J				
106-44-5 4-Methylphenol					
701 / 1 3	180 U				
	180 U				
67-72-1 Hexachloroethane 98-95-3 Nitrobenzene	180 U				
30 33-3 NICIODENZENE	180 U				
	180 U				
	180 U				
105-67-9 2,4-Dimethylphenol 111-91-1 Bis (2-chloroethoxy) methane	180 U				
	180 U				
120-83-2 2,4-Dichlorophenol	180 U				
91-20-3 Naphthalene	180 U				
106-47-8 4-Chloroaniline	180 U				
87-68-3 Hexachlorobutadiene	180 U				
105-60-2 Caprolactam	ט 180				
59-50-7 4-Chloro-3-methylphenol	180 บ				
91-57-6 2-Methylnaphthalene	180 U				
77-47-4 Hexachlorocyclopentadiene	180 U				
88-06-2 2,4,6-Trichlorophenol	180 U				
95-95-4 2,4,5-Trichlorophenol	180 U				
92-52-4 1,1'-Biphenyl	180 0				
91-58-7 2-Chloronaphthalene	180 U				
88-74-4 2-Nitroaniline	350 U				
131-11-3 Dimethylphthalate	180 U				
606-20-2 2,6-Dinitrotoluene	180 U				
208-96-8 Acenaphthylene	180 U				
99-09-2 3-Nitroaniline	350 U				
83-32-9 Acenaphthene	180 U				
51-28-5 2,4-Dinitrophenol	350 U				
100-02-7 4-Nitrophenol	350 U				

Form I SV-95 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	ataChem L	aboratories	, Inc.	Cont	ract:			(BGH-	Hlpy SF(0.	4 5)-64)
Lab Code: _D	ATAC	Case No.:	36335		SAS No	٠.:		SDG No	.: <u></u>	11 PX7
Matrix: (soil/	/water)	SOIL	_		L	ab S	Sample ID	: 711	80080	10
Sample wt/vol:	30	(g/mL) <u>g</u>	_		L	ab E	File ID:			
Level: (low/me	ed) LOW				D	ate	Received	1: 04/	27/20	07
% Moisture:	5.1051	Decanted:	(Y/N)			ate	Extracte	:d:		_
Concentrated E	Extract Vo	lume: ~		(uL)	D	ate	Analyzed	l: <u>5/11</u>	/2007	<u></u>
Injection Volu	ıme:	(uL)		D	ilut	ion Fact	or: <u>1</u>		_
GPC Cleanup:	(Y/N)		рН	8.2	E	xtra	action:	(Type)	_	
	COMPOU						NCENTRAT: g/L or us		ıg/kg	-
132-64-9	Dibenzof									Ū
121-14-2		trotoluene								U
84-66-2		hthalate							180	
86-73-7	Fluorene								180	
7005-72-3		phenyl-pher	ıy⊥etheı	<u> </u>		Ц			180	
100-01-6	4-Nitroa					┿			350	
534-52-1		tro-2-methy		L		4_			350	

00-/3-/	ridorene	TOUL O
7005-72-3	4-Chlorophenyl-phenylether	180 U
100-01-6	4-Nitroaniline	350 U
534-52-1	4,6-Dinitro-2-methylphenol	350 U
86-30-6	N-Nitrosodiphenylamine	180 Ú
95-94-3	1,2,4,5-Tetrachlorobenzene	180 U
101-55-3	4-Bromophenyl-phenylether	180 U
118-74-1	Hexachlorobenzene	180 U
1912-24-9	Atrazine	180 U
87-86-5	Pentachlorophenol	350 Ü
85-01-8	Phenanthrene	180 U
120-12-7	Anthracene	180 U
86-74-8	Carbazole	180 U
84-74-2	Di-n-butylphthalate	180 U
206-44-0	Fluoranthene	180 U
129-00-0	Pyrene	21 J
85-68-7	Butylbenzylphthalate	180 U
91-94-1	3,3'-Dichlorobenzidine	180 U
56-55-3	Benzo(a)anthracene	180 U
218-01-9	Chrysene	180 U
117-81-7	Bis(2-ethylhexyl)phthalate	27 J
117-84-0	Di-n-octylphthalate	180 U
205-99-2	Benzo(b)fluoranthene	180 U
207-08-9	Benzo(k)fluoranthene	180 U
50-32-8	Benzo(a)pyrene	180 U
193-39-5	Indeno(1,2,3-cd)pyrene	180 U
53-70-3	Dibenzo(a,h)anthracene	180 U
191-24-2	Benzo(g,h,i)perylene	180 U
58-90-2	2,3,4,6-Tetrachlorophenol	180 U

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem I	aboratories	. Inc. C	ontract:	H1PY5 (BGH-SB(2)-64)
-					SDG No.: H1PX7
Matrix: (soi	l/water)	SOIL	_	Lab Sample	ID: 7118008011
Sample wt/vo	1: 30	(g/mL) g	_	Lab File I	D:
Level: (low/	med) <u>LOW</u>			Date Recei	ved: 04/27/2007
Moisture:	3.9216	Decanted:	(Y/N)	Date Extra	cted:
Concentrated	Extract Vo	olume: _	(uL)	Date Analy	zed: <u>5/11/2007</u>
Injection Vo					actor: 1
GPC Cleanup:	(Y/N)		pH 9.1	<u>Extraction</u>	: (Type)
CAS NO.	COMPOU	ND			RATION UNITS:
				(ug/L o	r ug/Kg) <u>ug/kg</u> Q
100-52-7	Benzalde	ehyde			21 ј
108-95-2	Phenol				180 U
111-44-4	Bis(2-cl	loroethyl)e	ther		180 U
95-57-8	2-Chlore	ophenol			180 U
95-48-7	2-Methy				180 U
108-60-1	2,2'-0x	/bis(1-chlor	opropane)		180 U
98-86-2	Acetophe	enone			10 J
106-44-5		phenol			180 U
621-64-7		so-di-n-prop	ylamine		180 U
67-72-1		proethane			180 U
98-95-3	Nitrober				180 U
78-59-1	Isophoro				180 U
88-75-5	2-Nitro				180 U
105-67-9		thylphenol			180 0
111-91-1		loroethoxy)	methane		180 U
120-83-2		lorophenol			180 U
91-20-3	Naphthal				180 0
106-47-8		aniline			180 U
87-68-3		robutadiene	·		180 U
105-60-2	Caprolac	-3-methylph	onol		180 0
59-50-7 91-57-6		naphthalene			180 U
77-47-4		rocyclopent			180 U
88-06-2		richlorophen			180 0
95-95-4		ichlorophen			180 U
92-52-4	1,1'-Bir				180 U
91-58-7		naphthalene			180 U
88-74-4	2-Nitro				340 U
131-11-3		phthalate			180 U
606-20-2		trotoluene			180 U
208-96-8	Acenapht				180 U
99-09-2	3-Nitroa				340 U
83-32-9	Acenapht				180 U
51_79_5		trophenol			3/01 11

Form I SV-39 (e-form)

100-02-7

4-Nitrophenol

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PY5 (BGH-SB(2)-64) Lab Name: DataChem Laboratories, Inc. Contract: DATAC Case No.: 36335 SAS No.: SDG No.: H1PX7 Lab Code: Matrix: (soil/water) SOIL Lab Sample ID: 7118008011 Sample wt/vol: 30 (g/mL) g Lab File ID: Level: (low/med) LOW Date Received: 04/27/2007 3.9216 Decanted: (Y/N) % Moisture: Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/11/2007 Injection Volume: (uL) Dilution Factor: GPC Cleanup: (Y/N) рн 9.1 Extraction: (Type) CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) _ug/kg_ Q 180I U 132-64-9 Dibenzofuran 121-14-2 2,4-Dinitrotoluene 180 U 84-66-2 Diethylphthalate 180 U 86-73-7 Fluorene 180 U 7005-72-3 4-Chlorophenyl-phenylether 180 U 100-01-6 4-Nitroaniline 340 U 534-52-1 4,6-Dinitro-2-methylphenol 340 U 86-30-6 N-Nitrosodiphenylamine 180 U 180 U 95-94-3 1,2,4,5-Tetrachlorobenzene 101-55-3 4-Bromophenyl-phenylether 180 U Hexachlorobenzene 118-74-1 180 Û 1912-24-9 Atrazine 180 U 87-86-5 Pentachlorophenol 340 Ü 85-01-8 Phenanthrene 180 U 120-12-7 Anthracene 180 U 86-74-8 Carbazole 180 U Di-n-butylphthalate 84-74-2 180 U 206-44-0 Fluoranthene 180 U

180 U

180 U

180 U

180 U

180 U

180 U

180 U

180 U

180 U

180 U

180

180

180

180 U

129-00-0

85-68-7

91-94-1

56-55-3

218-01-9

117-81-7

117-84-0

205-99-2

207-08-9

50-32-8

53-70-3

191-24-2

58-90-2

193-39-5

Pyrene

Chrysene

Butylbenzylphthalate

Benzo(a) anthracene

Di-n-octylphthalate

Benzo(b) fluoranthene

Benzo(k) fluoranthene

Indeno(1,2,3-cd)pyrene Dibenzo(a,h)anthracene

2,3,4,6-Tetrachlorophenol

Benzo(g,h,i)perylene

Benzo(a)pyrene

3,3'-Dichlorobenzidine

Bis(2-ethylhexyl)phthalate

EPA SAMPLE NO.

H1PY6

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

(BGH-SF(0.5)-66) Lab Name: DataChem Laboratories, Inc. Contract: SAS No.: SDG No.: H1PX7 Lab Code: DATAC Case No.: 36335 Lab Sample ID: __7118008012 Matrix: (soil/water) SOIL Lab File ID: Sample wt/vol: 30 (g/mL) g 04/27/2007 Level: (low/med) LOW Date Received: % Moisture: 7.9511 Decanted: (Y/N) Date Extracted: Date Analyzed: 5/11/2007 (uL) Concentrated Extract Volume: (uL) Dilution Factor: 1 Injection Volume: Extraction: (Type) pH 8.9 GPC Cleanup: (Y/N) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg Q 100-52-7 Benzaldehyde 180 U 108-95-2 Phenol Bis(2-chloroethyl)ether 111-44-4 180 U 95-57-8 2-Chlorophenol 2-Methylphenol 180 Ü 95-48-7 180 U 2,2'-Oxybis(1-chloropropane) 108-60-1 34 J 98-86-2 Acetophenone ט 180 106-44-5 4-Methylphenol N-Nitroso-di-n-propylamine 180 U 621-64-7 67-72-1 Hexachloroethane 180 U 98-95-3 Nitrobenzene 180 U 78-59-1 Isophorone . 180 U 88-75-5 2-Nitrophenol 2,4-Dimethylphenol 180 U 105-67-9 180 U 111-91-1 Bis(2-chloroethoxy)methane 180 U 120-83-2 2,4-Dichlorophenol 91-20-3 Naphthalene 180 U 106-47-8 4-Chloroaniline 87-68-3 Hexachlorobutadiene 180 U 180 U 105-60-2 Caprolactam 180 บ 59-50-7 4-Chloro-3-methylphenol 95 J 2-Methylnaphthalene 91-57-6 180 U Hexachlorocyclopentadiene 77-47-4 2,4,6-Trichlorophenol 180 U 88-06-2 95-95-4 2,4,5-Trichlorophenol 180 ป 92-52-4 1.1'-Biphenyl 2-Chloronaphthalene 91-58-7 360 U 88-74-4 2-Nitroaniline 180 U 131-11-3 Dimethylphthalate 180 Ū 606-20-2 2,6-Dinitrotoluene 208-96-8 Acenaphthylene 180 U 360 U 99-09-2 3-Nitroaniline 11 J 83-32-9 Acenaphthene 51-28-5 2,4-Dinitrophenol

Form I SV-99 (e-form)

100-02-7

4-Nitrophenol

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

(ug/L or ug/Kg) ug/kg

H1PY6 (BGH-SF(0.5)-66) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PX7 Matrix: (soil/water) SOIL Lab Sample ID: 7118008012 Sample wt/vol: 30 (g/mL) g Lab File ID: Level: (low/med) LOW Date Received: 04/27/2007 % Moisture: 7.9511 Decanted: (Y/N) Date Extracted: Concentrated Extract Volume: Date Analyzed: 5/11/2007 Injection Volume: (uL) Dilution Factor: GPC Cleanup: (Y/N) pH 8.9 Extraction: (Type) CAS NO. COMPOUND CONCENTRATION UNITS:

			'
132-64-9	Dibenzofuran	27	J
121-14-2	2,4-Dinitrotoluene	180	Ū
84-66-2	Diethylphthalate	180	U
86-73-7	Fluorene	180	U
7005-72-3	4-Chlorophenyl-phenylether	180	
100-01-6	4-Nitroaniline	360	
534-52-1	4,6-Dinitro-2-methylphenol	360	
86-30-6	N-Nitrosodiphenylamine	180	Ū
95-94-3	1,2,4,5-Tetrachlorobenzene	180	
101-55-3	4-Bromophenyl-phenylether	180	
118-74-1	Hexachlorobenzene	180	
1912-24-9	Atrazine	180	
87-86-5	Pentachlorophenol	360	
85-01-8	Phenanthrene	160	Ĵ
120-12-7	Anthracene	29	J
86-74-8	Carbazole	25	J
84-74-2	Di-n-butylphthalate	180	Ū
206-44-0	Fluoranthene	160	Ĵ
129-00-0	Pyrene	130	J
85-68-7	Butylbenzylphthalate	180	U
91-94-1	3,3'-Dichlorobenzidine	180	
56-55-3	Benzo(a)anthracene	66	J
218-01-9	Chrysene	72	J
117-81-7	Bis(2-ethylhexyl)phthalate	21	J
117-84-0	Di-n-octylphthalate	180	0 -
205-99-2	Benzo(b) fluoranthene	83	J
207-08-9	Benzo(k) fluoranthene	30	J
50-32-8	Benzo(a) pyrene	57	J
193-39-5	Indeno(1,2,3-cd)pyrene	180	. 0
53-70-3	Dibenzo(a,h)anthracene	180	U
191-24-2	Benzo(g,h,i)perylene	401	3
58-90-2	2,3,4,6-Tetrachlorophenol	180	11

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PY7

Lab Name:	DataChem Laboratories, Inc. Conti	ract: (BGH-SB(2)-66)
Lab Code:	DATAC Case No.: 36335	SAS No.: SDG No.: H1PX7
Matrix: (soi	l/water) SOIL	Lab Sample ID: 7118008013
Sample wt/vo	1: <u>30</u> (g/mL) <u>g</u>	Lab File ID:
Level: (low/	ned) LOW	Date Received: 04/27/2007
% Moisture:	14.065 Decanted: (Y/N)	Date Extracted:
Concentrated	Extract Volume:(uL)	Date Analyzed: 5/11/2007
Injection Vo	lume: (uL)	Dilution Factor: 1
GPC Cleanup:	(N/Y) pH8.8	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	38 J
108-95-2	Phenol	200 U
111-44-4	Bis(2-chloroethyl)ether	200 U
95-57-8	2-Chlorophenol	200 U
95-48-7	2-Methylphenol	200 0
108-60-1	2,2'-Oxybis(1-chloropropane)	200 0
98-86-2	Acetophenone	13 J
106-44-5	4-Methylphenol	200 U
621-64-7	N-Nitroso-di-n-propylamine	200 Ü
67-72-1	Hexachloroethane	200 U
98-95-3	Nitrobenzene	200 Ü
78-59-1	Isophorone	200 0
88-75-5	2-Nitrophenol	200 U
105-67-9	2,4-Dimethylphenol	200 0
111-91-1	Bis (2-chloroethoxy) methane	200 U
120-83-2	2,4-Dichlorophenol	200 U
91-20-3	Naphthalene	200 U
106-47-8	4-Chloroaniline	200 U
87-68-3	Hexachlorobutadiene	200 U
105-60-2	Caprolactam	200 U
59-50-7	4-Chloro-3-methylphenol	200 U
91-57-6	2-Methylnaphthalene	200 U
77-47-4	Hexachlorocyclopentadiene	200 U
88-06-2	2,4,6-Trichlorophenol	200 U
95-95-4	2,4,5-Trichlorophenol	200 U
92-52-4	1,1'-Biphenyl	200 U
91-58-7	2-Chloronaphthalene	200 U
88-74-4	2-Nitroaniline	380 U
131-11-3	Dimethylphthalate	200 U
606-20-2	2,6-Dinitrotoluene	200 U
208-96-8	Acenaphthylene	200 U
99-09-2	3-Nitroaniline	380 U
83-32-9	Acenaphthene	200 U
51-28-5	2,4-Dinitrophenol	380 U
100-02-7	4-Nitrophenol	380 U
1 - 30 04 1		

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

ran wame: natacner	Laboratories, Inc. Co	ntract:	(BGH-SB(2)-66)
	Case No.: 36335		SDG No.: H1PX7
Matrix: (soil/water)	SOIL	Lab Sample ID	: 7118008013
Sample wt/vol: 30	(g/mL)_g_	Lab File ID:	
Level: (low/med) Level:	DW	Date Received	: 04/27/2007
% Moisture: 14.065	Decanted: (Y/N)	Date Extracte	d:
Concentrated Extract	Volume:(uL)	Date Analyzed	: 5/11/2007
Injection Volume:	(uL)	Dilution Fact	or: <u>1</u>
GPC Cleanup: (Y/	N) pH <u>8.8</u>	Extraction:	(Type)
CAS NO. COM	OUND	CONCENTRATI	ON UNITS:
		(ug/L or ug	/Kg) ug/kg Q
132-64-9 Diben	zofuran		200 U
	initrotoluene	· · · · · ·	200 0
84-66-2 Dieth	ylphthalate	· -	200 U
86-73-7 Fluor	ene	·	200 U
7005-72-3 4-Chl	orophenyl-phenylether		200 U
	roaniline		380 U
534-52-1 4,6-D	initro-2-methylphenol	· · · · · · · · · · · · · · · · · · ·	380 U
86-30-6 N-Nit	rosodiphenylamine		200 U
	,5-Tetrachlorobenzene		200 U
101-55-3 4-Bro	mophenyl-phenylether		200 U
118-74-1 Hexac	nlorobenzene		200 U
1912-24-9 Atraz	ine		200 U
87-86-5 Penta	chlorophenol		380 U
85-01-8 Phena	nthrene		200 U
120-12-7 Anthr	acene		200 U
86-74-8 Carba	zole		200 U
84-74-2 Di-n-	outylphthalate		200 U
206-44-0 Fluor	anthene		200 U
129-00-0 Pyren	9		200 U
85-68-7 Butyl	penzylphthalate		200 U
91-94-1 3,3'-	Dichlorobenzidine		200 U
56-55-3 Benzo	(a) anthracene		200 U
218-01-9 Chrys	ene		200 U
	ethylhexyl)phthalate		200 ป
	octylphthalate		200 U
	(b) fluoranthene		200 U
	(k)fluoranthene		200 U
	(a)pyrene		200 U
193-39-5 Inden	o(1,2,3-cd)pyrene		200 U
	zo(a,h)anthracene		200 U
191-24-2 Benzo	(g,h,i)perylene		200 U
58-90-2 2,3,4	,6-Tetrachlorophenol		200 U

Form I SV-46 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

				H1PY8 (BGH-SF(0.5)-52)
	DataChem Laboratories, I	 -		
Lab Code:	DATAC Case No.: 3	6335	SAS No.:	SDG No.: H1PY8
Matrix: (so	il/water) SOIL		Lab Sample I	D: <u>7122012001</u>
Sample wt/v	ol: <u>30</u> (g/mL) <u>g</u>		Lab File ID:	
Level: (low	/med) LOW		Date Receive	d: <u>5/1/2007</u>
% Moisture:	5.5957 Decanted:	(Y/N)	Date Extract	ed:
	d Extract Volume:		Date Analyze	
Injection V	olume:(uL)		Dilution Fac	tor: <u>1</u>
GPC Cleanup	: (Y/N)	H 8.1	Extraction:	(Type)
CAS NO.	COMPOUND		CONCENTRAT	ION UNITS:
			(ug/L or u	g/Kg) <u>ug/kg</u> Q
100-52-7	Benzaldehyde			34JJ
108-95-2	Phenol			180 U
111-44-4	Bis(2-chloroethyl)ethe	r		180 U
95-57-8	2-Chlorophenol			180 U
95-48-7	2-Methylphenol		-	180 U
108-60-1	2,2'-Oxybis(1-chloropr	opane)		180 0
98-86-2	Acetophenone			9.2 J
106-44-5	4-Methylphenol			1800
621-64-7	N-Nitroso-di-n-propyla	mine		180 U
67-72-1	Hexachloroethane			180 U
98-95-3	Nitrobenzene			180 0
78-59-1	Isophorone			180 U
88-75-5	2-Nitrophenol			1800
	2,4-Dimethylphenol			1800
105-67-9	Bis(2-chloroethoxy) met			1800
111-91-1		nane		1800
120-83-2	2,4-Dichlorophenol			180 U
91-20-3	Naphthalene			1800
106-47-8	4-Chloroaniline			
87-68-3	Hexachlorobutadiene			180 U
105-60-2	Caprolactam			180 0
59-50-7	4-Chloro-3-methylpheno	<u> </u>		180 U
91-57-6	2-Methylnaphthalene			180 U
77-47-4	Hexachlorocyclopentadi	ene		180 U
88-06-2	2,4,6-Trichlorophenol			180 0
95-95-4	2,4,5-Trichlorophenol			180 U
92-52-4	1,1'-Biphenyl			180 0
91-58-7	2-Chloronaphthalene			180 U
88-74-4	2-Nitroaniline			350 U
131-11-3	Dimethylphthalate			180 U
606-20-2	2,6-Dinitrotoluene			180 0
208-96-8	Acenaphthylene			180 U
99-09-2	3-Nitroaniline			350 U
83-32-9	Acenaphthene			180 U
51-28-5	2,4-Dinitrophenol			350 U
100-02-7	4-Nitrophenol			350JU

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

	THE STATE OF	
		H1PY8
	deterion baselucelles, me. concluce.	(BGH-SF(0.5)-52)
Lab Code: DA	ATAC Case No.: 36335 SAS No.:	SDG No.: H1PY8
Matrix: (soil	/water) SOIL Lab Sample ID:	7122012001
Sample wt/vol	: <u>30 (g/mL) g</u> Lab File ID:	<u> </u>
Level: (low/me		5/1/2007
% Moisture:	5.5957 Decanted: (Y/N) Date Extracted	l:
Concentrated I	Extract Volume:(uL) Date Analyzed:	5/18/2007
Injection Volu	ume: (uL) Dilution Factor	or: <u>1</u>
GPC Cleanup:	(Y/N) pH 8.1 Extraction:	(Type)
CAS NO.	COMPOUND CONCENTRATIO	ON UNITS:
		/Kg) <u>ug/kg</u> Q
132-64-9	Dibenzofuran	180 U
121-14-2	2,4-Dinitrotoluene	180 U
84-66-2	Diethylphthalate	7.2 JB
86-73-7	Fluorene	180 U
7005-72-3	4-Chlorophenyl-phenylether	180 U
100-01-6	4-Nitroaniline	350 U
534-52-1	4,6-Dinitro-2-methylphenol	350 บ
86-30-6	N-Nitrosodiphenylamine	180 U
95-94-3	1,2,4,5-Tetrachlorobenzene	180 U
101-55-3	4-Bromophenyl-phenylether	180 U
118-74-1	Hexachlorobenzene	180 U
1912-24-9	Atrazine	180 Ú
87-86-5	Pentachlorophenol	350 U
85-01-8 120-12-7	Phenanthrene	180 0
120-12-7	Anthracene	180 U
86-74-8	Carbazole	180 0
84-74-2	Di-n-butylphthalate	1800
206-44-0	Fluoranthene	180[0
129-00-0	Pyrene	180 U
85-68-7	Butylbenzylphthalate	180 U
91-94-1 56-55-3	3,3'-Dichlorobenzidine Benzo(a)anthracene	180 U
218-01-9	Chrysene	180 U
117-81-7		180 0
117-81-7	Bis(2-ethylhexyl)phthalate Di-n-octylphthalate	37 J
205-99-2	Benzo(b) fluoranthene	180 U
207-08-9	Benzo(k) fluoranthene	180 U 180 U
50-32-8	Benzo (a) pyrene	1800
193-39-5	Indeno(1,2,3-cd)pyrene	1800
53-70-3	Dibenzo(a,h)anthracene	180 0
191-24-2	Benzo(g,h,i)perylene	180 0
58-90-2	2,3,4,6-Tetrachlorophenol	180 U

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

	•		H1PY9
Lab Name:	DataChem Laboratories, Inc.	Contract:	(BGH-SB(2)-52)
Lab Code:	DATAC Case No.: 36335	SAS No.:	SDG No.: H1PY8
Matrix: (so	oil/water) SOIL	Lab Sample ID:	7122012002
Sample wt/v	/ol: 30 (g/mL) g	Lab File ID:	
Level: (low	w/med) LOW	Date Received:	5/1/2007
% Moisture:	10.89 Decanted: (Y/N)	Date Extracted	1:
	ed Extract Volume:(u		
	/olume: (uL)	Dilution Facto	or: <u>1</u>
GPC Cleanup	p: (Y/N) pH 8	.4 Extraction:	(Type)
CAS NO.	COMPOUND	CONCENTRATI	ON UNITS:
		(ug/L or ug	/Kg) <u>ug/kg</u> Q
100-52-7	Benzaldehyde		20]J
108-95-2	Phenol		190U
111-44-4	Bis(2-chloroethyl)ether		1900
95-57-8	2-Chlorophenol		190 U
95-48-7	2-Methylphenol		190 U
108-60-1	(2,2'-Oxybis(1-chloropropane)		190 0
98-86-2	Acetophenone		11 J
106-44-5	4-Methylphenol		190 U
621-64-7	N-Nitroso-di-n-propylamine		190 Ü
67-72-1	Hexachloroethane		190 U
98-95-3	Nitrobenzene		190 U
78-59-1	Isophorone		190 0
88-75-5	2-Nitrophenol		190[0
105-67-9	2,4-Dimethylphenol		190 0
111-91-1	Bis(2-chloroethoxy)methane		190]ប
120-83-2	2,4-Dichlorophenol		1900
91-20-3	Naphthalene		190 U
106-47-8	4-Chloroaniline		190 U
87-68-3	Hexachlorobutadiene		190 U
105-60-2	Caprolactam		1900
59-50-7	4-Chloro-3-methylphenol		1900
91-57-6	2-Methylnaphthalene		190 0
77-47-4	Hexachlorocyclopentadiene		1900
88-06-2	2,4,6-Trichlorophenol		190 U
95-95-4	2,4,5-Trichlorophenol		190 U
92-52-4	1.1'-Biphenyl		190 0
91-58-7	2-Chloronaphthalene		190 U
88-74-4	2-Nitroaniline		370 0
131-11-3	Dimethylphthalate		1900
			1900
606-20-2	2,6-Dinitrotoluene		
208-96-8	Acenaphthylene		190 0
99-09-2	3-Nitroaniline		370 0
83-32-9	Acenaphthene		190 0
51-28-5	2,4-Dinitrophenol		370 U
100-02-7	4-Nitrophenol	<u> </u>	370 U

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	DataChem La	boratories,	Inc.	Cont	ract:		H1PY9 (BGH-SB(2)-52)
Lab Code: D	DATAC	Case No.:	36335	<u> </u>	SAS N	No.:	SDG No.: H1PY8
Matrix: (soil	l/water)	SOIL	_			Lab Sample ID:	7122012002
Sample wt/vol	1: 30	(g/mL) g	_			Lab File ID:	
Level: (low/m	ned) LOW					Date Received:	5/1/2007
% Moisture:	10.89	Decanted:	(Y/N)	·	_	Date Extracted	i:
Concentrated	Extract Vo	olume:		(uL) .		Date Analyzed:	5/18/2007
Injection Vol	lume:	(uL)				Dilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N)		pн .	8.4		Extraction:	(Type)
CAS NO.	COMPOU	ND				CONCENTRATIO	

		(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	190]U
121-14-2	2,4-Dinitrotoluene	190 U
84-66-2	Diethylphthalate	190 0
86-73-7	Fluorene	1900
7005-72-3	4-Chlorophenyl-phenylether	1900
100-01-6	4-Nitroaniline	370 U
534-52-1	4,6-Dinitro-2-methylphenol	370 U
86-30-6	N-Nitrosodiphenylamine	190 0
95-94-3	1,2,4,5-Tetrachlorobenzene	190 U
101-55-3	4-Bromophenyl-phenylether	190 U
118-74-1	Hexachlorobenzene	190 U
1912-24-9	Atrazine	190 U
87-86-5	Pentachlorophenol	370 U
85-01-8	Phenanthrene	190 U
120-12-7	Anthracene	190 U
86-74-8	Carbazole	1900
84-74-2	Di-n-butylphthalate	1900
206-44-0	Fluoranthene	190 U
129-00-0	Pyrene	190 U
85-68-7	Butylbenzylphthalate	190 U
91-94-1	3,31~Dichlorobenzidine	1900
56-55-3	Benzo (a) anthracene	190 U
218-01-9	Chrysene	190ju
117-81-7	Bis(2-ethylhexyl)phthalate	20 J
117-84-0	Di-n-octylphthalate	190 U
205-99-2	Benzo(b) fluoranthene	190 U
207-08-9	Benzo(k)fluoranthene	190 U
50-32-8	Benzo(a)pyrene	190 U
193-39-5	Indeno(1,2,3-cd)pyrene	190 0
53-70-3	Dibenzo(a,h)anthracene	190 U
191-24-2	Benzo(g,h,i)perylene	190 U
58-90-2	2,3,4,6-Tetrachlorophenol	1900

Matrix: (soil/water)

SOIL

EPA SAMPLE NO.

Lab Sample ID: 7122012005

	S	EMIVOLATILE OR	GANICS 2	ANALYSIS DATA SHEET	
Lab Name:	DataChem	Laboratories,	Inc.	Contract:	H1PZ0 (BGH-SS(20)-52)
Lab Code:	DATAC	Case No.:	36335	SAS No.:	SDG No.: H1PY8

Sample wt/vol: 30 (g/mL) g Lab File ID: Level: (low/med) LOW Date Received: 5/1/2007 Date Extracted: % Moisture: 18.227 Decanted: (Y/N) Concentrated Extract Volume: (uL) Date Analyzed: 5/18/2007 · (uL) Injection Volume: Dilution Factor: 1 pH 8.7 GPC Cleanup: . (Y/N) Extraction: (Type) CAS NO. COMPOUND CONCENTRATION UNITS:

		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	22]Ĵ
108-95-2	Phenol	2100
111-44-4	Bis(2-chloroethyl)ether	2100
95-57-8	2-Chlorophenol	210 0
95-48-7	2-Methylphenol	2100
108-60-1	2,2'-Oxybis(1-chloropropane)	2100
98-86-2	Acetophenone	11 J
106-44-5	4-Methylphenol	2100
621-64-7	N-Nitroso-di-n-propylamine	210 0
67-72-1	Hexachloroethane	210 U
98-95-3	Nitrobenzene	2100
78-59-1	Isophorone	210 0
88-75-5	2-Nitrophenol	210 0
105-67-9	2,4-Dimethylphenol	210 0
111-91-1	Bis(2-chloroethoxy)methane	210 0
120-83-2	2,4-Dichlorophenol	210 0
91-20-3	Naphthalene	210 U
106-47-8	4-Chloroaniline	210 0
87-68-3	Hexachlorobutadiene	210 0
105-60-2	Caprolactam	210 0
59-50-7	4-Chloro-3-methylphenol	2100
91-57-6	2-Methylnaphthalene	210 U
77-47-4	Hexachlorocyclopentadiene	210 U
88-06-2	2,4,6-Trichlorophenol	210 0
95-95-4	2,4,5-Trichlorophenol	210 U
92-52-4	1,1'-Biphenyl	210 0
91-58-7	2-Chloronaphthalene	210 U
88-74-4	2-Nitroaniline	400 0
131-11-3	Dimethylphthalate	210 0
606-20-2	2,6-Dinitrotoluene	210 0
208-96-8	Acenaphthylene	210 U
99-09-2	3-Nitroaniline	400 U
83-32-9	Acenaphthene	210 U
51-28-5	2,4-Dinitrophenol	400 U
100-02-7	4-Nitrophenol	400 U

Form I SV-17 (e-form)

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

] ,	H1PZ0 BGH-SS(20)-52)
Lab Name: D	ataChem Laboratories, Inc. Cont	ract:	
Lab Code: D	ATAC Case No.: 36335	SAS No.: SDO	No.: <u>H1PY8</u>
Matrix: (soil	/water) SOIL	Lab Sample ID:	7122012005
Sample wt/vol	: 30 (g/mL) g	Lab File ID:	
Level: (low/m	ed) <u>LOW</u>	Date Received:	5/1/2007
% Moisture:	18.227 Decanted: (Y/N)	Date Extracted:	
Concentrated	Extract Volume:(uL)	Date Analyzed:	5/18/2007
Injection Vol	ume: (uL)	Dilution Factor:	1
GPC Cleanup:	(Y/N) pH 8.7	Extraction: (Ty	pe)
CAS NO.	COMPOUND	CONCENTRATION (UNITS:
	•	(ug/L or ug/Kg)	ug/kg Q
132-64-9	Dibenzofuran		210]U
121-14-2	2,4-Dinitrotoluene		210 U
84-66-2	Diethylphthalate		210 U
86-73-7	Fluorene		210 U
7005-72-3	4-Chlorophenyl-phenylether		210 U
100-01-6	4-Nitroaniline		400 U
534-52-1	4,6-Dinitro-2-methylphenol		400 U
86-30-6	N-Nitrosodiphenylamine		210 U
95-94-3	1,2,4,5-Tetrachlorobenzene		210 U
101-55-3	4-Bromophenyl-phenylether		210 U
118-74-1	Hexachlorobenzene		210 0
1912-24-9	Atrazine		2100
87-86-5	Pentachlorophenol		400 U
85-01-8	Phenanthrene		210 U
120-12-7	Anthracene		210 U
86-74-8	Carbazole		210 U
84-74-2	Di-n-butylphthalate		210 U
206-44-0	Fluoranthene		210 υ
129-00-0	Pyrene		210 U
85-68-7	Butylbenzylphthalate		9.2 J
91-94-1	3,3'-Dichlorobenzidine		210 U
56-55-3	Benzo(a)anthracene		210 0
218-01-9	Chrysene		210 U
117-81-7	Bis(2-ethylhexyl)phthalate		19 J
117-84-0	Di-n-octylphthalate		210 ΰ
205-99-2	Benzo(b) fluoranthene		210 U
207-08-9	Benzo(k) fluoranthene		210 U
50-32-8	Benzo(a) pyrene		210 U
193-39-5	Indeno(1,2,3-cd)pyrene		210 U
53-70-3	Dibenzo(a,h)anthracene		210 U
191-24-2	Benzo(g,h,i)perylene		210 Ū

2,3,4,6-Tetrachlorophenol

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Da	ataChem Laboratories, Inc. Cont	ract: (BGH-SF(0.5)-53)
		SAS No.: SDG No.: H1PY8
Matrix: (soil	/water) SOIL	Lab Sample ID: 7122012006
Sample wt/vol	: 30 (g/mL) g	Lab File ID:
Level: (low/me	ed) LOW	Date Received: 5/1/2007
% Moisture:	7.9767 Decanted: (Y/N)	Date Extracted:
Concentrated I	Extract Volume:(uL)	Date Analyzed: 5/18/2007
Injection Volu	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH 8.9	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	26 ј
108-95-2	Phenol	180 U
111-44-4	Bis(2-chloroethyl)ether	180 U
95-57-8	2-Chlorophenol	180 0
95-48-7	2-Methylphenol	180 U
108-60-1	2,2'-Oxybis(1-chloropropane)	180 U
98-86-2	Acetophenone	8.9 J
106-44-5	4-Methylphenol	180 U
621-64-7	N-Nitroso-di-n-propylamine	1800
67-72-1	Hexachloroethane	180 U
98-95-3	Nitrobenzene	180 U
78-59-1	Isophorone	180 U
88-75-5	2-Nitrophenol	180 U
105-67-9	2,4-Dimethylphenol	180 U
111-91-1	Bis(2-chloroethoxy)methane	180 U
120-83-2	2,4-Dichlorophenol	180 U
91-20-3	Naphthalene	8.6 J
106-47-8	4-Chloroaniline	180 U
87-68-3	Hexachlorobutadiene	180 U
105-60-2	Caprolactam	180 U
59-50-7	4-Chloro-3-methylphenol	180 U
91-57-6	2-Methylnaphthalene	14 J
77-47-4	Hexachlorocyclopentadiene	180 U
88-06-2	2,4,6-Trichlorophenol	180 U
95-95-4	2,4,5-Trichlorophenol	180 U
92-52-4	1,1'-Biphenyl	180 U
91-58-7	2-Chloronaphthalene	180 U
88-74-4	2-Nitroaniline	360 U
131-11-3	Dimethylphthalate	180 U
606-20-2	2,6-Dinitrotoluene	180 U
208-96-8	Acenaphthylene	180 U
99-09-2	3-Nitroaniline	360 U
83-32-9	Acenaphthene	180lu

Form I SV-77 (e-form)

2,4-Dinitrophenol 4-Nitrophenol 1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PZ1 (BGH-SF(0.5)-53) Lab Name: DataChem Laboratories, Inc. Contract: Case No.: 36335 SAS No.: SDG No.: H1PY8 Lab Code: DATAC Lab Sample ID: 7122012006 SOIL Matrix: (soil/water) (g/mL) g Sample wt/vol: 30 Lab File ID: Date Received: 5/1/2007 Level: (low/med) LOW 7.9767 Decanted: (Y/N) % Moisture: Date Extracted: Date Analyzed: 5/18/2007 Concentrated Extract Volume: Injection Volume: (uL) Dilution Factor: GPC Cleanup: (Y/N) pH 8.9 Extraction: (Type) CONCENTRATION UNITS: CAS NO. COMPOUND

		(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	1800
121-14-2	2,4-Dinitrotoluene	180 0
84-66-2	Diethylphthalate	180 0
86-73-7	Fluorene	180 0
7005-72-3	4-Chlorophenyl-phenylether	180 0
100-01-6	4-Nitroaniline	360 0
534-52-1	4,6-Dinitro-2-methylphenol	360 U
86-30-6	N-Nitrosodiphenylamine	180 0
95-94-3	1,2,4,5-Tetrachlorobenzene	180 U
101-55-3	4-Bromophenyl-phenylether	180 0
118-74-1	Hexachlorobenzene	180 0
1912-24-9	Atrazine	1800
87-86-5	Pentachlorophenol	360 0
85-01-8	Phenanthrene	140 J
120-12-7	Anthracene	11 J
86-74-8	Carbazole	180 0
84-74-2	Di-n-butylphthalate	180 U
206-44-0	Fluoranthene	34\J
129-00-0	Pyrene	380
85-68-7	Butylbenzylphthalate	180 0
91-94-1	3,3'-Dichlorobenzidine	180 0
56-55-3	Benzo(a)anthracene	69 J
218-01-9	Chrysene	210
117-81-7	Bis(2-ethylhexyl)phthalate	29 J
117-84-0	Di-n-octylphthalate	180 Ü
205-99-2	Benzo(b)fluoranthene	43 J
207-08-9	Benzo(k) fluoranthene	18 5
50-32-8	Benzo(a)pyrene	72 J
193-39-5	Indeno(1,2,3-cd)pyrene	180 U
53-70-3	Dibenzo(a,h)anthracene	180 0
191-24-2	Benzo(g,h,i)perylene	110 J
58-90-2	2,3,4,6-Tetrachlorophenol	180 0

DataChem Laboratories, Inc. Contract:

Case No.: 36335

Lab Name:

Lab Code:

DATAC

EPA SAMPLE NO.

SDG No.: H1PY8

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAS No.:

H1PZ2 (BGH-SB(2)-53)

Matrix: (soil/water) SOIL . Lab Sample ID: 712201	2007
Sample wt/vol: 30 (g/mL) g Lab File ID:	
Level: (low/med) LOW Date Received: 5/1/200	7
% Moisture: 5.915 Decanted: (Y/N) Date Extracted:	
Concentrated Extract Volume: (uL) Date Analyzed: 5/18/20	07
Injection Volume: (uL) Dilution Factor: 1	
GPC Cleanup: (Y/N) pH9 Extraction: (Type)	_
Gre Cleanap. (1717) pn	
CAS NO. COMPOUND CONCENTRATION UNITS:	
(ug/L or ug/Kg) ug/kg	. 0
	.8 J
	טוָסוּ
	10 U
	30 U
	30 U
	טוסנ
	.6 J
	30 <u> U</u>
	30 U
	10 U
	ט סו
	ט סו
	ט ס
	10 U
	ט ט
	ט סו
	.3 J
	10 U
	υ 0
	ט ס
	טוסו
	.6 J
	10 0
	υ <u></u>
	เอโด
	U
	10 U
	0 U
	0 U
	טוס
	0 U
	ឲ្យប
	יט וס
	טס
100-02-7 4-Nitrophenol 3	0 0

Form I SV-23 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

H1PZ2 (BGH-SB(2)-53) Lab Name: DataChem Laboratories, Inc. Contract: Case No.: 36335 SAS No.: Lab Code: DATAC SDG No.: H1PY8 Matrix: (soil/water) SOIL Lab Sample ID: 7122012007 (g/mL) g Sample wt/vol: 30 Lab File ID: Date Received: 5/1/2007 Level: (low/med) LOW 5.915 Decanted: (Y/N) % Moisture: Date Extracted: Concentrated Extract Volume: Date Analyzed: 5/18/2007 Injection Volume: (uL) Dilution Factor: GPC Cleanup: (Y/N) рН Extraction: (Type) CAS NO. COMPOUND CONCENTRATION UNITS:

CILD NO.	CO112 CO112	CONCENTION ONLIN	
		(ug/L or ug/Kg) ug/kg	Q
132-64-9	Dibenzofuran	180	
121-14-2	2,4-Dinitrotoluene	180	
84-66-2	Diethylphthalate	13	JB
86-73-7	Fluorene	180	
7005-72-3	4-Chlorophenyl-phenylether	180	
100-01-6	4-Nitroaniline	350	U
534-52-1	4,6-Dinitro-2-methylphenol	350	U
86-30-6	N-Nitrosodiphenylamine	180	U
95-94-3	1,2,4,5-Tetrachlorobenzene	180	Ū
101-55-3	4-Bromophenyl-phenylether	180	Ū
118-74-1	Hexachlorobenzene	180	U
1912-24-9	Atrazine	180	U
87-86-5	Pentachlorophenol	350	Ü
85-01-8	Phenanthrene	180	Ū
120-12-7	Anthracene	180	Ū
86-74-8	Carbazole	180	ប៊
84-74-2	Di-n-butylphthalate	180	U
206-44-0	Fluoranthene	180	Ū
129-00-0	Pyrene	9.4	J
85-68-7	Butylbenzylphthalate	180	U
91-94-1	3,3'-Dichlorobenzidine	180	
56-55-3	Benzo(a)anthracene	180	U
218-01-9	Chrysene	180	U
117-81-7	Bis(2-ethylhexyl)phthalate	26	J
117-84-0	Di-n-octylphthalate	180	U
205-99-2	Benzo(b) fluoranthene	180)	
207-08-9	Benzo(k)fluoranthene	180	U
50-32-8	Benzo(a)pyrene	180	
193-39-5	Indeno(1,2,3-cd)pyrene	180	
53-70-3	Dibenzo(a,h)anthracene	180	
191-24-2	Benzo(g,h,i)perylene	180	
58-90-2	2,3,4,6-Tetrachlorophenol	180	U

EPA SAMPLE NO. SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	ataChem Laboratories, Inc. Cont	ract: (BGH-SS(20)-53)
Lab Code: D	ATAC Case No.: 36335	SAS No.: SDG No.: H1PY8
	/water) SOIL	Lab Sample ID:7122012008
Sample wt/vol	: 30 (g/mL) g	Lab File ID:
Level: (low/m	ed) LOW	Date Received: 5/1/2007
% Moisture:	10.433 Decanted: (Y/N)	Date Extracted:
Concentrated	Extract Volume:(uL)	Date Analyzed: 5/18/2007
Injection Vol	ume:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH8.8	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	22 J
108-95-2	Phenol	190 U
111-44-4	Bis(2-chloroethyl)ether	1900
95-57-8	2-Chlorophenol	
		190]ប
95-48-7	2-Methylphenol	190 U
108-60-1	2,2'-Oxybis(1-chloropropane)	190 0
98-86-2	Acetophenone	8.1J
106-44-5	4-Methylphenol	190 U
621-64-7	N-Nitroso-di-n-propylamine	190 0
67-72-1	Hexachloroethane	1900
98-95-3	Nitrobenzene	
		190 0
78-59-1	Isophorone	190 U
88-75-5	2-Nitrophenol	190 U
105-67-9	2,4-Dimethylphenol	1900
111-91-1	Bis(2-chloroethoxy)methane	190 U
120-83-2	2,4-Dichlorophenol	190 U
91-20-3	Naphthalene	1900
106-47-8	14-Chloroaniline	1900
87-68-3	Hexachlorobutadiene	
		190 0
105-60-2	Caprolactam	190 U
59-50-7	4-Chloro-3-methylphenol	190jU
91-57-6	2-Methylnaphthalene	190 U
77-47-4	Hexachlorocyclopentadiene	190 U
88-06-2	2,4,6-Trichlorophenol	1900
95-95-4	2.4.5-Trichlorophenol	1900
92-52-4	1,1'-Biphenyl	1900
91-58-7	2-Chloronaphthalene	
88-74-4		1900
	2-Nitroaniline	370 0
131-11-3	Dimethylphthalate	190 U
606-20-2	2,6-Dinitrotoluene	190 U
208-96-8	Acenaphthylene	190 U
99-09-2	3-Nitroaniline	370 U
83-32-9	Acenaphthene	190 U
51-28-5	2,4-Dinitrophenol	370 0
100-02-7	4-Nitrophenol	3700
100-02-7	La_urcrobusinor	1 3/0[U]

Form I SV-81 (e-form)

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Tob Nove De	backen Jahanskanian Tan Contracts	H1PZ3 (BGH-SS(20)-53)
	taChem Laboratories, Inc. Contract:	
Lab Code: DA	TAC Case No.: 36335 SAS	No.: SDG No.: H1PY8
Matrix: (soil/	water) SOIL	Lab Sample ID: 7122012008
Sample wt/vol:	30 (g/mL) g	Lab File ID:
Level: (low/me	d) LOW	Date Received: 5/1/2007
% Moisture:	10.433 Decanted: (Y/N)	Date Extracted:
Concentrated E	Extract Volume:(uL)	Date Analyzed: 5/18/2007
Injection Volu	me:(uL)	Dilution Factor: 1
		Extraction: (Type)
CAS NO.	COMPOLIND	CONCENTRATION UNITS:
Chb no.	CO CO	(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	190 U
121-14-2	2,4-Dinitrotoluene	1900
84-66-2	Diethylphthalate	1900
86-73-7	Fluorene	190 U
7005-72-3	4-Chlorophenyl-phenylether	190 0
100-01-6	4-Nitroaniline	370 U
534-52-1	4,6-Dinitro-2-methylphenol	370 U
86-30-6	N-Nitrosodiphenylamine	1900
95-94-3	1.2.4.5-Tetrachlorobenzene	190 0
101-55-3	4-Bromophenyl-phenylether	190 0
118-74-1	Hexachlorobenzene	1900
1912-24-9	Atrazine	1900
87-86-5	Pentachlorophenol	3700
85-01-8	Phenanthrene	1900
120-12-7	Anthracene	1900
86-74-8	Carbazole	1900
84-74-2	Di-n-butylphthalate	190 U
206-44-0	Fluoranthene	190 U
129-00-0	Pyrene	190 U
85-68-7	Butylbenzylphthalate	190 U
91-94-1	3,3'-Dichlorobenzidine	190 U
56-55-3	Benzo (a) anthracene	190 U
218-01-9	Chrysene	190 U
117-81-7	Bis(2-ethylhexyl)phthalate	18 J
117-84-0	Di-n-octylphthalate	190 U
205-99-2	Benzo(b) fluoranthene	190 U
207-08-9	Benzo(k)fluoranthene	190 U
50-32-8	Benzo(a)pyrene	190 U
193-39-5	Indeno(1,2,3-cd)pyrene	190 U
53-70-3	Dibenzo(a,h)anthracene	190 U
191-24-2	Benzo(g,h,i)perylene	190 U
58-90-2	2,3,4,6-Tetrachlorophenol	190 U

H1PZ3

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

H1PZ4 (BGH-SF(0.5)-54) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PY8 Matrix: (soil/water) Lab Sample ID: 7122012009 SOIL Lab File ID: ___ Sample wt/vol: 30 (g/mL) g Date Received: 5/1/2007 Level: (low/med) LOW % Moisture: 3.0132 Decanted: (Y/N) Date Extracted: (uL) Concentrated Extract Volume: Date Analyzed: 5/18/2007 Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 9.4 Extraction: (Type) CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 100-52-7 Benzaldehyde 108-95-2 Phenol 180 U 111-44-4 Bis(2-chloroethyl)ether 180 U 95-57-8 2-Chlorophenol 180 0 95-48-7 2-Methylphenol 180 U 108-60-1 2,2'-0xybis(1-chloropropane) 180 U 98-86-2 Acetophenone 11 J 106-44-5 4-Methylphenol 180 U 621-64-7 N-Nitroso-di-n-propylamine 180 U 67-72-1 Hexachloroethane 180lu 98-95-3 Nitrobenzene 180 0 78-59-1 Isophorone 88-75-5 2-Nitrophenol 180 U 105-67-9 180 U 2,4-Dimethylphenol Bis (2-chloroethoxy) methane 111-91-1 180 U 2.4-Dichlorophenol 120-83-2 18011 91-20-3 Naphthalene 180 17 106-47-8 4-Chloroaniline 180 17 87-68-3 Hexachlorobutadiene 1801 105-60-2 Caprolactam 18011 59-50-7 4-Chloro-3-methylphenol 180 to 91-57-6 2-Methylnaphthalene 180 Hexachlorocyclopentadiene 77-47-4 180 U 88-06-2 2,4,6-Trichlorophenol 180 U 95-95-4 2,4,5-Trichlorophenol 180 U

Form I SV-85 (e-form)

1.1 -Biphenyl

2-Nitroaniline

Acenaphthylene

3-Nitroaniline

Acenaphthene

4-Nitrophenol

Dimethylphthalate

2,4-Dinitrophenol

2,6-Dinitrotoluene

2-Chloronaphthalene

92-52-4

91-58-7

88-74-4

131-11-3

606-20-2

208-96-8

99-09-2

83-32-9

51-28-5

100-02-7

340 U

180 11

180 U

340 U

180 U

180 U

180 U

340 U

180 U

340 U

117-81-7

117-84-0

205-99-2

207-08-9

50-32-8

193-39-5

53-70-3

191-24-2

58-90-2

Di-n-octylphthalate

Benzo(b)fluoranthene

Benzo(k)fluoranthene

Indeno(1,2,3-cd)pyrene

Dibenzo(a,h)anthracene

2,3,4,6-Tetrachlorophenol

Benzo(g,h,i)perylene

Benzo(a) pyrene

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET .

EPA SAMPLE NO. H1PZ4

(BGH-SF(0.5)-54) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PY8 Matrix: (soil/water) Lab Sample ID: 7122012009 SOIL Sample wt/vol: 30 (g/mL) g Lab File ID: Level: (low/med) LOW Date Received: 5/1/2007 % Moisture: 3.0132 Decanted: (Y/N) Date Extracted: Date Analyzed: 5/18/2007 Concentrated Extract Volume: Dilution Factor: 1 Injection Volume: (Y/N) _ pH _9.4 Extraction: (Type) GPC Cleanup: COMPOUND CONCENTRATION UNITS: CAS NO. (ug/L or ug/Kg) ug/kg Q 180IU Dibenzofuran 2,4-Dinitrotoluene 121-14-2 180 U Diethylphthalate 180 U 84-66-2 180 U 86-73-7 Fluorene 180 U 7005-72-3 4-Chlorophenyl-phenylether 340 U 100-01-6 4-Nitroaniline 340 U 4,6-Dinitro-2-methylphenol 534-52-1 180117 86-30-6 N-Nitrosodiphenylamine 95-94-3 1,2,4,5-Tetrachlorobenzene 180 U 101-55-3 4-Bromophenyl-phenylether 18010 Hexachlorobenzene 180 118-74-1 180 U 1912-24-9 Atrazine Pentachlorophenol 340 U 87-86-5 180 U 85-01-8 Phenanthrene 180 U 120-12-7 Anthracene 86-74-8 180 U Carbazole Di-n-butylphthalate 180 U 84-74-2 206-44-0 Fluoranthene 180 t 180 U 129-00-0 Pyrene Butylbenzylphthalate 18010 85-68-7 180 U 91-94-1 3,3'-Dichlorobenzidine 180 U 56-55-3 Benzo(a)anthracene 218-01-9 Chrysene 180 บ Bis(2-ethylhexyl)phthalate

180 U

180 U

180 U

19011

180 U

180 U

180 U

180

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

H1PZ5 (BGH-SB(2)-54)

Lab Name: D	ataChem Laboratories, Inc. Con	tract: (BGM-5B(27-54)
Lab Code: D	ATAC Case No.: 36335	SAS No.: SDG No.: H1PY8
Matrix: {soil	/water) SOIL	Lab Sample ID: 7122012010
Sample wt/vol	: <u>30 (g/mL) g</u>	Lab File ID:
Level: (low/m	ed) <u>LOW</u>	Date Received: 5/1/2007
% Moisture:	7.014 Decanted: (Y/N)	Date Extracted:
Concentrated	Extract Volume: (uL)	Date Analyzed: 5/18/2007
Injection Vol	ume:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH _9.8	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	41 J
108-95-2	Phenol	180 U
111-44-4	Bis(2-chloroethyl)ether	1800
95-57-8	2-Chlorophenol	1800
95-48-7	2-Methylphenol	180 U
108-60-1	2,2'-Oxybis(1-chloropropane)	1800
98-86-2	Acetophenone	11 5
106-44-5	4-Methylphenol	180 0
621-64-7	N-Nitroso-di-n-propylamine	180 0
67-72-1	Hexachloroethane	180 U
98-95-3	Nitrobenzene	180 U
78-59-1	Isophorone	180 U
88-75-5	2-Nitrophenol	180 U
105-67-9	2,4-Dimethylphenol	180 U
111-91-1	Bis(2-chloroethoxy)methane	180 U
120-83-2	2,4-Dichlorophenol	180 U
91-20-3	Naphthalene	180 U
106-47-8	4-Chloroaniline	180 U
87-68-3	Hexachlorobutadiene	180 U
105-60-2	Caprolactam	180 U
59-50-7	4-Chloro-3-methylphenol	180 U
91-57-6	2-Methylnaphthalene	180 U
77-47-4	Hexachlorocyclopentadiene	180 U
88-06-2	2,4,6-Trichlorophenol	180 U
95-95-4	2,4,5-Trichlorophenol	180 U
92-52-4	1,1'-Biphenyl	180 U
91-58-7	2-Chloronaphthalene	180 U
88-74-4	2-Nitroaniline	350 U
131-11-3	Dimethylphthalate	180 U
606-20-2	2,6-Dinitrotoluene	180 U
208-96-8	Acenaphthylene	180 U
99-09-2	3-Nitroaniline	350 U
83-32-9	Acenaphthene	180 0
51-28-5	2,4-Dinitrophenol	350 0
100-02-7	4-Nitrophenol	350 U

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

		H1PZ5 (BGH-SB(2)-54)
Lab Name: Da	taChem Laboratories, Inc. Contr	act: (361 35(2) 34)
Lab Code: DA	TAC Case No.: 36335	SAS No.: SDG No.: H1PY8
Matrix: (soil	(water) <u>SOIL</u>	Lab Sample ID:7122012010
Sample wt/vol	: 30 (g/mL) g	Lab File ID:
Level: (low/me	ed) <u>LOW</u>	Date Received: 5/1/2007
% Moisture:	7.014 Decanted: (Y/N)	
	Extract Volume: (uL)	
Injection Volu	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH9.8	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
	TS: Vicinia di Constanti	180 U
132-64-9	Dibenzofuran 2.4-Dinitrotoluene	1800
121-14-2 84-66-2	Diethylphthalate	1800
86-73-7	Fluorene	180 U
7005-72-3	4-Chlorophenyl-phenylether	180 U
100-01-6	4-Nitroaniline	350 U
534-52-1	4,6-Dinitro-2-methylphenol	350 U
86-30-6	N-Nitrosodiphenylamine	180 U
95-94-3	1,2,4,5-Tetrachlorobenzene	180 U
101-55-3	4-Bromophenyl-phenylether	180 U
118-74-1	Hexachlorobenzene	180 U
1912-24-9	Atrazine	180 U
87-86-5	Pentachlorophenol	350 U
85-01-8	Phenanthrene	180[U
120-12-7	Anthracene	180 U
86-74-8	Carbazole	180 0
84-74-2	Di-n-butylphthalate	180 0
206-44-0	Fluoranthene	180 0
129-00-0	Pyrene	180 U
85-68-7	Butylbenzylphthalate	180 U
91-94-1	3,3'-Dichlorobenzidine	180 U 180 U
56-55-3	Benzo(a)anthracene	180 U
218-01-9	Chrysene	71 J
117-81-7	Bis(2-ethylhexyl)phthalate	71 S
117-84-0	Di-n-octylphthalate Benzo(b)fluoranthene	180 U
205-99-2	penzo(n/iluoranchene	180 0

205-99-2 207-08-9 50-32-8 193-39-5 53-70-3

191-24-2 58-90-2

Benzo(k)fluoranthene

Benzo(a) pyrene
Indeno(1,2,3-cd) pyrene
Dibenzo(a,h) anthracene

Benzo(g,h,i)perylene 2,3,4,6-Tetrachlorophenol

180 U

180 U 180 U 180 U 180 U 180 U

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	OataChem Laboratories, Inc. Contrac	ct:	H1PZ6 (BGH-SS(17)-54)
Lab Code: L	DATAC Case No.: 36335 SA	S No.:	SDG No.: H1PY8
Matrix: (soi]	/water) SOIL	Lab Sample ID:	7122012011
Sample wt/vol	ե։ <u>30 (ց/ա</u> Ն) <u>ց</u>	Lab File ID:	
Level: (low/r	ned) LOW	Date Received:	5/1/2007
% Moisture:	20.157 Decanted: (Y/N)	Date Extracted	l:
	Extract Volume:(uL)	Date Analyzed:	5/16/2007
	ume: (uL)	Dilution Facto	
GPC Cleanup:	(Y/N) pH9.2	Extraction:	(Type)
CAS NO.	COMPOUND	CONCENTRATIO	ON UNITS:
		(ug/L or ug/	/Kg) ug/kg Q
100-52-7	Benzaldehyde		21010
108-95-2	Phenol		210 0
111-44-4	Bis(2-chloroethyl)ether		210 0
95-57-8	2-Chlorophenol		2100
95-48-7	2-Methylphenol		210 U
108-60-1	2,2'-Oxybis(1-chloropropane)		210 0
98-86-2	Acetophenone		21 j
106-44-5	4-Methylphenol		210 0
621-64-7	N-Nitroso-di-n-propylamine		2100
57-72-1	Hexachloroethane		210 U
98-95-3	Nitrobenzene	_	210 U
78-59-1	Isophorone		210 U
38-75-5	2-Nitrophenol		210 0
105-67-9	2,4-Dimethylphenol		210 0
111-91-1	Bis(2-chloroethoxy)methane		210 U
120-83-2	2,4-Dichlorophenol		210 U
91-20-3	Naphthalene		210 U
106-47-8	4-Chloroaniline		210 U
37-68-3	Hexachlorobutadiene		210 U
L05-60-2	Caprolactam		210 U
59-50-7	4-Chloro-3-methylphenol		210 U
1-57-6	2-Methylnaphthalene		210 U
7-47-4	Hexachlorocyclopentadiene		210 U
38-06-2	2,4,6-Trichlorophenol		210 U
5-95-4	2,4,5-Trichlorophenol		210 U
2-52-4	1,1'-Biphenyl		210 0
01-58-7	2-Chloronaphthalene		210 U
8-74-4	2-Nitroaniline		410 U
31-11-3	Dimethylphthalate		210 0
06-20-2 08-96-8	2,6-Dinitrotoluene		210 U
9-09-2	Acenaphthylene		210 U
3-32-9	3-Nitroaniline		410 U
1-28-5	Acenaphthene 2,4-Dinitrophenol		210 U
.00-02-7	4-Nitrophenol	_	410 0
	4-MICTODHENOI		410 Ü

Form I SV-89 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

H1PZ6 (BGH-SS(17)-54)

Lab Name: Da	tachem baboratories, inc.
Lab Code: DA	TAC Case No.: 36335 SAS No.: SDG No.: H1PY8
Matrix: (soil/	water) SOIL Lab Sample ID: 7122012011
Sample wt/vol:	30 (g/mL) g Lab File ID:
Level: (low/me	d) LOW Date Received: 5/1/2007
% Moisture:	20.157 Decanted: (Y/N) Date Extracted:
Concentrated E	Extract Volume:(uL) Date Analyzed: 5/16/2007
Injection Volu	ume:(uL) Dilution Factor: 1
GPC Cleanup:	(Y/N) pH 9.2 Extraction: (Type)
CAS NO.	COMPOUND CONCENTRATION UNITS:
U 1.2 1111	(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran 210 U
121-14-2	2.4-Dinitrotoluene 210U
84-66-2	Diethylphthalate 210U
86-73-7	Fluorene 210 U
7005-72-3	4-Chlorophenyl-phenylether 210U
100-01-6	4-Nitroaniline 410 U
534-52-1	4,6-Dinitro-2-methylphenol 410 U
86-30-6	N-Nitrosodiphenylamine 210 U
95-94-3	11,2,4,5-Tetrachlorobenzene 210 U
101-55-3	4-Bromophenyl-phenylether 210 U
118-74-1	Hexachlorobenzene 210 U
1912-24-9	Atrazine 210 U
87-86-5	Pentachlorophenol 410 U
85-01-8	Phenanthrene 210 U
120-12-7	Anthracene 210 U
86-74-8	Carbazole 210 U
84-74-2	Di-n-butylphthalate 210 U
206-44-0	Fluoranthene 210 U
129-00-0	Pyrene 210 U
85-68-7	Butylbenzylphthalate 210 U
91-94-1	3,3'-Dichlorobenzidine 210 U
56-55-3	Benzo (a) anthracene 210 U
218-01-9	Chrysene 210 U
117-81-7	Bis(2-ethylhexyl)phthalate 210 U
117-84-0	Di-n-octylphthalate 210 U
	Benzo (b) Fluoranthene 210 U
205-99-2	Benzo(k) fluoranthene 210 U
50-32-8	Benzo (a) pyrene 210 U
193-39-5	Indeno(1,2,3-cd)pyrene
53-70-3	Dibenzo(a, h) anthracene 210 U
191-24-2	Benzo(g,h,i) perylene 210 U
58-90-2	2,3,4,6-Tetrachlorophenol 210 U
30-90-4	2.3,4,0-Tettachitotophenot

EPA SAMPLE NO. SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem Laboratories, Inc. Cont	:ract: (BGH-SF(0.5)-68)
Lab Code: DA	ATAC Case No.: 36335	SAS No.: SDG No.: H1PY8
Matrix: (soil	/water) SOIL	Lab Sample ID:7122012012
Sample wt/vol	: 30 (g/mL) g	Lab File ID:
Level: (low/me	ed) <u>LOW</u>	Date Received: 5/1/2007
% Moisture:	18.008 Decanted: (Y/N)	Date Extracted:
Concentrated I	Extract Volume:(uL)	Date Analyzed: 5/18/2007
Injection Volu	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH 8.4	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	56JJ
108-95-2	Phenol	210 U
111-44-4	Bis(2-chloroethyl)ether	210 U
95-57-8	2-Chlorophenol	210 U
95-48-7	2-Methylphenol	210 U
		210 U
108-60-1	2,2'-Oxybis(1-chloropropane)	
98-86-2	Acetophenone	28 J
106-44-5	4-Methylphenol	210 U
621-64-7	N-Nitroso-di-n-propylamine	210 U
67-72-1	Hexachloroethane	210 U
98-95-3	Nitrobenzene	210 U
78-59-1	Isophorone	210 U
88-75-5	2-Nitrophenol	210 U
105-67-9	2,4-Dimethylphenol	210 U
111-91-1	Bis(2-chloroethoxy)methane	210 U
120-83-2	2,4-Dichlorophenol	210 0
91-20-3	Naphthalene	210U
106-47-8	4-Chloroaniline	2100
87-68-3	Hexachlorobutadiene	2100
105-60-2	Caprolactam	210 0
59-50-7	4-Chloro-3-methylphenol	210 U
91-57-6	2-Methylnaphthalene	210 U
77-47-4	Hexachlorocyclopentadiene	210 U
		210 U
88-06-2	2,4,6-Trichlorophenol	
95-95-4	2,4,5-Trichlorophenol	210 U
92-52-4	1,1'-Biphenyl	210 0
91-58-7	2-Chloronaphthalene	210 U
88-74-4	2-Nitroaniline	400 U
131-11-3	Dimethylphthalate	210 U
606-20-2	2,6-Dinitrotoluene	210 U
208-96-8	Acenaphthylene	210 0
99-09-2	3-Nitroaniline	400 U
83-32-9	Acenaphthene	210 U
51-28-5	2,4-Dinitrophenol	400 U
100-02-7	4-Nitrophenol	4000

Form I SV-93 (e-form)

1C (e-form)

EPA SAMPLE NO.

H1PZ8

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem_Laboratories, Inc. Contra	(BGH-SF(0.5)-	-68
Lab Code:	DATAC Case No.: 36335 SA	AS No.: SDG No.: H1PY	8
Mat <i>r</i> ix: (soi	l/water) SOIL	Lab Sample ID: 7122012012	
Sample wt/vo	1: 30 (g/mL) g	Lab File ID:	
Level: (low/	med) LOW	Date Received: 5/1/2007	
% Moisture:	18.008 Decanted: (Y/N)	Date Extracted:	
Concentrated	Extract Volume: (uL)	Date Analyzed: 5/18/2007	
Injection Vo	lume:(uL)	Dilution Factor: 1	
GPC Cleanup:	(Y/N) pH <u>8.4</u>	Extraction: (Type)	
CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) ug/kg	Q
132-64-9	Dibenzofuran	210 U	_
121-14-2	2,4-Dinitrotoluene	210 0	_
84-66-2	Diethylphthalate	210 0	_
86-73-7	Fluorene	210 U	_
7005-72-3	4-Chlorophenyl-phenylether	210 U	
100-01-6	4-Nitroaniline	4000	
534-52-1	4,6-Dinitro-2-methylphenol	4000	
86-30-6	N-Nitrosodiphenylamine	210 U	
95-94-3	1,2,4,5-Tetrachlorobenzene	2100	
101-55-3	4-Bromophenyl-phenylether	210 0	
118-74-1	Hexachlorobenzene	210 0	_
1912-24-9	Atrazine	2100	_
87-86-5	Pentachlorophenol	4000	
85-01-8	Phonanthrone	2100	
120-12-7	Anthracene	210 U	
86-74-8	Carbazole	210 0	
84-74-2	Di-n-butylphthalate	2100	
206-44-0	Fluoranthene	210 0	
129-00-0	Pyrene	2100	
85-68-7	Butylbenzylphthalate	210 0	
91-94-1	3.3'-Dichlorobenzidine	2100	
56-55-3	Benzo(a) anthracene	2100	
218-01-9	Chrysene	2100	_
117-81-7	Bis(2-ethylhexyl)phthalate	210	
117-84-0	Di-n-octylphthalate	2100	
205-99-2	Benzo(b) fluoranthene	210 0	
207-08-9	Benzo(k) fluoranthene	210 0	
50-32-8			
193-39-5	Benzo(a)pyrene Indeno(1,2,3-cd)pyrene	210 U	
		210 0	
53-70-3	Dibenzo(a,h)anthracene	210 0	
191-24-2	Benzo(g,h,i)perylene	210 0	
58-90-2	2,3,4,6-Tetrachlorophenol	210 U	

H1PZ8

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1PZ9 (BGH-SB(2)-68) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PY8 Matrix: (soil/water) SOIL Lab Sample ID: 7122012013 Sample wt/vol: 30 (g/mL) g Lab File ID: Level: (low/med) LOW Date Received: 5/1/2007 % Moisture: 16.719 Decanted: (Y/N) Date Extracted: Concentrated Extract Volume: Date Analyzed: 5/18/2007 (uL) Injection Volume: Dilution Factor: (uL) GPC Cleanup: Extraction: (Type) (Y/N)

CAS NO.

COMPOUND

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg 100-52-7 Benzaldehyde 108-95-2 Phenol 111-44-4 Bis(2-chloroethyl)ether 200 U 95-57-8 2-Chlorophenol 95-48-7 2-Methylphenol 200 U 108-60-1 2,2'-Oxybis(1-chloropropane) 200 U 98-86-2 Acetophenone 26 J 106-44-5 4-Methylphenol 200 U 621-64-7 N-Nitroso-di-n-propylamine 200 U 67-72-1 Hexachloroethane 200 U 98-95-3 Nitrobenzene 200 U 78-59-1 Isophorone 200 U 88-75-5 2-Nitrophenol 200 U 105-67-9 2,4-Dimethylphenol 200 U 111-91-1 Bis(2-chloroethoxy)methane 200 U 120-83-2 2,4-Dichlorophenol 91-20-3 Naphthalene 200 U 106-47-8 4-Chloroaniline 2000 87-68-3 Hexachlorobutadiene 200 U 105-60-2 Caprolactam 200 U 59-50-7 4-Chloro-3-methylphenol 200 U 91-57-6 2-Methylnaphthalene 200 U 77-47-4 Hexachlorocyclopentadiene 200 88-06-2 2,4,6-Trichlorophenol 200 U 95-95-4 2,4,5-Trichlorophenol 200 U 92-52-4 1,1'-Biphenyl 200 U 91-58-7 2-Chloronaphthalene 200 U 88-74-4 2-Nitroaniline 400 U 131-11-3 Dimethylphthalate 200 U 606-20-2 2,6-Dinitrotoluene 200 208-96-8 Acenaphthylene 200 U 99-09-2 3-Nitroaniline 400 U 83-32-9 Acenaphthene 200 51-28-5 2,4-Dinitrophenol 400 tr 100-02-7 4-Nitrophenol

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET EPA SAMPLE NO.

Lab Name: DataChem Laboratories, Inc. Contrac	t:(BGH-SB(2)-68)
Lab Code: DATAC Case No.: 36335 SA	S No.: SDG No.: H1PY8
Matrix: (soil/water) SOIL	Lab Sample ID: 7122012013
Sample wt/vol: 30 (g/mL) g	Lab File ID:
Level: (low/med) LOW	Date Received: 5/1/2007
% Moisture: 16.719 Decanted: (Y/N)	Date Extracted:
Concentrated Extract Volume:(uL)	Date Analyzed: 5/18/2007
Injection Volume: (uL)	Dilution Factor: 1
GPC Cleanup: (Y/N) pH _8.5	Extraction: (Type)
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q

		(13,12 01 13,113, 13,113
132-64-9	Dibenzofuran	200 0
121-14-2	2,4-Dinitrotoluene	200 0
84-66-2	Diethylphthalate	200 U
86-73-7	Fluorene	200 U
7005-72-3	4-Chlorophenyl-phenylether	200 U
100-01-6	4-Nitroaniline	400 U
534-52-1	4,6-Dinitro-2-methylphenol	400 U
86-30-6	N-Nitrosodiphenylamine	200 0
95-94-3	1,2,4,5-Tetrachlorobenzene	200]U
101-55-3	4-Bromophenyl-phenylether	200 0
118-74-1	Hexachlorobenzene	200 U
1912-24-9	Atrazine	200 U
87-86-5	Pentachlorophenol	400 U
85-01-8	Phenanthrene	200 0
120-12-7	Anthracene	200 U
86-74-8	Carbazole	200 U
84-74-2	Di-n-butylphthalate	200 0
206-44-0	Fluoranthene	200 U
129-00-0	Pyrene	200 U
85-68-7	Butylbenzylphthalate	2000
91-94-1	3,3'-Dichlorobenzidine	200 U
56-55-3	Benzo(a)anthracene	200 U
218-01-9	Chrysene	200 0
117-81-7	Bis(2-ethylhexyl)phthalate	19 Ј
117-84-0	Di-n-octylphthalate	200 U
205-99-2	Benzo(b)fluoranthene	200 U
207-08-9	Benzo(k)fluoranthene	200 U
50-32-8	Benzo(a)pyrene	200 U
193-39-5	Indeno(1,2,3-cd)pyrene	200 0
53-70-3	Dibenzo(a,h)anthracene	200 U
191-24-2	Benzo(g,h,i)perylene	200 U
58-90-2	2,3,4,6-Tetrachlorophenol	200 U

400 U

EPA SAMPLE NO.

SEMIVOLATILE	ORGANICS	ANALYSIS	DATA	SHEET

						H1Q00
Lab Name:						(BGH-SF(0.5)-70)
Lab Code:	DATAC	Case No.:	36335	SAS	No.:	SDG No.: H1PY8
Matrix: (soi	l/water)	SOIL	_		Lab Sample ID	7122012014
Sample wt/vo	ol: <u>30</u>	_(g/mL) <u>g</u>	_		Lab File ID:	
Level: (low/	med) LOW				Date Received	5/1/2007
% Moisture:	8.3499	Decanted:	(Y/N)		Date Extracted	1:
Concentrated				uL)	Date Analyzed:	
		(uL)			Dilution Facto	
GPC Cleanup	(Y/N)		pH _	7.8	Extraction:	(Type)
CAS NO.	COMPOU	ND			CONCENTRATI	
					(ug/L or ug	/Kg) ug/kg Q
100-52-7	Benzalde	nyde				93 J
108-95-2	Phenol					21 J
111-44-4	Bis(2-ch	loroethyl)et	her			190 U
95-57-8	2-Chloro	ohenol				190 U
95-48-7	2-Methyl					190lu
108-60-1		bis(1-chloro	propané	1		190 0
98-86-2	Acetophe		p-0pu			33 J
106-44-5	4-Methyl					190 U
621-64-7		o-di-n-propy	lamino			1900
67-72-1	Hexachlo		10111111			190 U
98-95-3	Nitroben					1900
	8-59-1 Isophorone			1900		
88-75-5						190 U
105-67-9		2-Nitrophenol				
		loroethoxy)m	athana			1900
111-91-1			ethane			190 0
120-83-2		lorophenol			-+	190 0
91-20-3	Naphthal					1900
106-47-8	4-Chloro					190 U
87-68-3		robutadiene				1900
105-60-2	Caprolac					1900
59-50-7		-3-methylphe	noı			
91-57-6		naphthalene				190 0
77-47-4		rocyclopenta				190 U
88-06-2		ichloropheno				190 0
95-95-4		ichloropheno	1			190 0
92-52-4	1,1'-Bip					190 Ü
91-58-7		naphthalene				190 0
88-74-4	2-Nitroa					360 U
131-11-3		phthalate				190 0
606-20-2		trotoluene				190 U
208-96-8	Acenapht					190 0
99-09-2	3-Nitroa					360 U
83-32-9		Acenaphthene 190 U				
51-28-5		2,4-Dinitrophenol 360U				
100-02-7	4-Nitrop	henol				360 U

Form I SV-97 (e-form)

OLM04.2

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Tab Name D	ahadhan Yahanahanian Tua	H1Q00 (BGH-SF(0.5)-70)
_	ataChem Laboratories, Inc. Contract:	
	ATAC Case No.: 36335 SAS No	.: SDG No.: H1PY8
Matrix: (soil	/water) SOIL La	ab Sample ID: 7122012014
Sample wt/vol	: <u>30 (g/mL) g</u> Le	ab File ID:
Level: (low/m	ned) LOW Da	ate Received: 5/1/2007
% Moisture:	8.3499 Decanted: (Y/N) Da	ate Extracted:
Concentrated	Extract Volume:(uL) Da	ate Analyzed: 5/16/2007
Injection Vol	ume: (uL) D	ilution Factor: 1
GPC Cleanup:	(Y/N) pH7.8 Ex	ktraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	1900
121-14-2	2,4-Dinitrotoluene	190 U
84-66-2	Diethylphthalate	1900
86-73-7	Fluorene	190 U
7005-72-3	4-Chlorophenyl-phenylether	1900
100-01-6	4-Nitroaniline	360 U
534-52-1	4,6-Dinitro-2-methylphenol	360 U
86-30-6	N-Nitrosodiphenylamine	1900
95-94-3	1,2,4,5-Tetrachlorobenzene	1900
101-55-3	4-Bromophenyl-phenylether	190 U
118-74-1	Hexachlorobenzene	190 U
1912-24-9	Atrazine	1900
87-86-5	Pentachlorophenol	360 U
85-01-8	Phenanthrene	1900
120-12-7	Anthracene	1900
86-74-8	Carbazole	1900
84-74-2	Di-n-butylphthalate	1900
206-44-0	Fluoranthene	1900
129-00-0	Pyrene	190 U
85-68-7	Butylbenzylphthalate	190 U
91-94-1	3,3'-Dichlorobenzidine	190 U
56-55-3	Benzo(a) anthracene	190 U
218-01-9	Chrysene	1900
117-81-7	Bis(2-ethylhexyl)phthalate	190 U
117-84-0	Di-n-octylphthalate	1900
205-99-2	Benzo(b) fluoranthene	190 0
207-08-9	Benzo(k)fluoranthene	190 U
50-32-8	Benzo(a)pyrene	190 U
193-39-5	Indeno(1,2,3-cd)pyrene	190 U
53-70-3	Dibenzo(a,h)anthracene	190 U
191-24-2	Benzo(g,h,i)perylene	190 U
58-90-2	2,3,4,6-Tetrachlorophenol	190 U

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem_Laboratories, Inc. Con	H1Q01 (BGH-SB(2)-70)		
_		SAS No.: SDG No.: H1PY8		
Matrix: (soil	/water) SOIL	Lab Sample ID: 7122012015		
Sample wt/vol	: <u>30 (g/mL) g</u>	Lab File ID:		
Level: (low/m	ed) LOW	Date Received: 5/1/2007		
% Moisture:	9.7606 Decanted: (Y/N)	Date Extracted:		
Concentrated	Extract Volume: (uL)	Date Analyzed: 5/16/2007		
Injection Vol	ume: (uL)	Dilution Factor: 1		
GPC Cleanup:	(Y/N) pH 8.2	Extraction: (Type)		
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q		
100-52-7	Benzaldehyde	37[J		
108-95-2	Phenol	1900		
111-44-4	Bis(2-chloroethyl)ether	190 U		
95-57-8	2-Chlorophenol	190 U		
95-48-7	2-Methylphenol	190 ບ		
108-60-1	2,2'-Oxybis(1-chloropropane)	1900		
98-86-2	Acetophenone			
106-44-5	4-Methylphenol 1900			
621-64-7	N-Nitroso-di-n-propylamine 190 U			
67-72-1	Hexachloroethane	1900		
98-95-3	Nitrobenzene	190 U		
78-59-1	Isophorone 19			
88-75-5	2-Nitrophenol	1900		
105-67-9	2,4-Dimethylphenol	190 U		
111-91-1	Bis(2-chloroethoxy)methane	1900		
120-83-2	2,4-Dichlorophenol	190 U		
91-20-3	Naphthalene	190 U		
106-47-8	4-Chloroaniline	1900		
87-68-3	Hexachlorobutadiene	. 190 U		
105-60-2	Caprolactam	190 U		
59-50-7	4-Chloro-3-methylphenol	190 U		
91-57-6	2-Methylnaphthalene	190 U		
77-47-4	Hexachlorocyclopentadiene	190 U		
88-06-2		2,4,6-Trichlorophenol 190 U		
95-95-4	2,4,5-Trichlorophenol	190 U		
92-52-4	1,1'-Biphenyl	190 U		
91-58-7	2-Chloronaphthalene	190 U		
88-74-4	2-Nitroaniline	370 U		
131-11-3	Dimethylphthalate	190 0		
606-20-2	2,6-Dinitrotoluene	190 U		
208-96-8	Acenaphthylene	190]U		
99-09-2	3-Nitroaniline 370 U			
83-32-9	Acenaphthene 190 U			
51-28-5	2,4-Dinitrophenol	370 U		
100-02-7	4-Nitrophenol 370 U			

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1Q01

Lab Name: Da	ataChem Laboratories, Inc. Contract:	(BGH-SB(2)-70)
Lab Code: Di	ATAC Case No.: 36335 SAS No.:	SDG No.: H1PY8
Matrix: (soil	/water) SOIL Lab Sample ID:	7122012015
Sample wt/vol	: <u>30 (g/mL) g</u> Lab File ID:	
Level: (low/m	ed) LOW Date Received:	5/1/2007
% Moisture:	9.7606 Decanted: (Y/N) Date Extracted	:
Concentrated	Extract Volume: (uL) Date Analyzed:	5/16/2007
Injection Vol	ume:(uL) Dilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N) pH 8.2 Extraction:	(Type)
CAS NO.	COMPOUND CONCENTRATIO	ON UNITS:
	(ug/L or ug/	(Kg) <u>ug/kg</u> Q
132-64-9	Dibenzofuran	1900
121-14-2	2,4-Dinitrotoluene	190 ປ
84-66-2	Diethylphthalate	190 U
86-73-7	Fluorene	1900
7005-72-3	4-Chlorophenyl-phenylether	190 U
100-01-6	4-Nitroaniline	370 U
534-52-1	4,6-Dinitro-2-methylphenol	370 U
86-30-6	N-Nitrosodiphenylamine	190 U
95-94-3	1,2,4,5-Tetrachlorobenzene	190 U
101-55-3	4-Bromophenyl-phenylether	190 U
118-74-1	Hexachlorobenzene	190 U
1912-24-9	Atrazine	1900
87-86-5	Pentachlorophenol	370 U
85-01-8	Phenanthrene	190 U
120-12-7	Anthracene	190 U
86-74-8	Carbazole	190 U
84-74-2	Di-n-butylphthalate	190 U
206-44-0	Fluoranthene	190 U
129-00-0	Pyrene	1900
85-68-7	Butylbenzylphthalate	190 U
91-94-1	3,3'-Dichlorobenzidine	190 U
56-55-3	Benzo(a) anthracene	190 U
218-01-9	Chrysene	190 0
117-81-7	Bis(2-ethylhexyl)phthalate	190 U
117-84-0	Di-n-octylphthalate	190 U
205-99-2	Benzo(b) fluoranthene	190 0
207-08-9	Benzo(k)fluoranthene	190 U
50-32-8	Benzo(a) pyrene	190 U
193-39-5	Indeno(1,2,3-cd)pyrene	190 U
53-70-3	Dibenzo(a,h)anthracene	190 U
191-24-2	Benzo(g,h,i)perylene	190 U
58-90-2	2,3,4,6-Tetrachlorophenol	190 U

EPA SAMPLE NO.

H1Q02

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem Laboratories, Inc. Cont	tract: (BGH-SF(0.5)-51)	
_		SAS No.: SDG No.: H1PY8	
		Lab Sample ID: 7122012016	
Sample wt/vo		Lab File ID:	
Level: (low/	med) LOW	Date Received: 5/1/2007	
% Moisture:	9.7518 Decanted: (Y/N)	Date Extracted:	
Concentrated	Extract Volume:(uL)	Date Analyzed: 5/16/2007	
		Dilution Factor: 1	
GPC Cleanup:	(Y/N) pH <u>8.1</u>	Extraction: (Type)	
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q	
100-52-7	Benzaldehyde	73]J	
108-95-2	Phenol	1900	
111-44-4	Bis(2-chloroethyl)ether	1900	
95-57-8	2-Chlorophenol	1900	
95-48-7	2-Methylphenol	1900	
108-60-1	2,2'-Oxybis(1-chloropropane)	1900	
98-86-2	Acetophenone	18J	
106-44-5	4-Methylphenol	1900	
621-64-7	N-Nitroso-di-n-propylamine	1900	
67-72-1	Hexachloroethane	1900	
98-95-3	Nitrobenzene	190 U	
78-59-1	Isophorone	1900	
88-75-5	2-Nitrophenol	1900	
105-67-9	2,4-Dimethylphenol	1900	
111-91-1	Bis(2-chloroethoxy)methane	1900	
120-83-2	2,4-Dichlorophenol	190 0	
91-20-3	Naphthalene	190 U	
106-47-8	4-Chloroaniline	190 U	
87-68-3	Hexachlorobutadiene	190 U	
105-60-2	Caprolactam	190 U	
59-50-7	4-Chloro-3-methylphenol	190 U	
91-57-6	2-Methylnaphthalene	190 U	
77-47-4	Hexachlorocyclopentadiene	190 U	
88-06-2	2,4,6-Trichlorophenol	190 0	
95-95-4	2,4,5-Trichlorophenol	190 U	
92-52-4	1.1'-Biphenyl	190 U	
91-58-7	2-Chloronaphthalene	190 Ü	
88-74-4	2-Nitroaniline	370 U	
131-11-3	Dimethylphthalate	190 U	
606-20-2	2,6-Dinitrotoluene	190 0	
208-96-8	Acenaphthylene	190 U	
99-09-2	3-Nitroaniline	370 U	
83-32-9	Acenaphthene	1900	
51-28-5	2,4-Dinitrophenol 370U		
100-02-7	4-Nitrophenol	370JU	

1C (e-form)

EPA SAMPLE NO.

H1Q02

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem Laboratories, Inc. Cont	ract: (BGH-SF(0.5)-51)
Lab Code:	DATAC Case No.: 36335	SAS No.: SDG No.: H1PY8
Matrix: (soi	1/water) SOIL	Lab Sample ID:
Sample wt/vo	1: <u>30 (g/mL) g</u>	Lab File ID:
Level: (low/		Date Received: 5/1/2007
	9.7518 Decanted: (Y/N)	
	Extract Volume: (uL)	
Injection Vo	lume:(uL) .	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.1</u>	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg Q
132-64-9	Dibenzofuran	190 U
121-14-2	2,4-Dinitrotoluene	190 U
84-66-2	Diethylphthalate	190 U
86-73-7	Fluorene	190 U
7005-72-3	4-Chlorophenyl-phenylether	190 U
100-01-6	4-Nitroaniline	370 U
534-52-1	4,6-Dinitro-2-methylphenol	370 Ü
86-30-6	N-Nitrosodiphenylamine	190 U
95-94-3	1,2,4,5-Tetrachlorobenzene	1900
101-55-3	4-Bromophenyl-phenylether	190 0
118-74-1	Hexachlorobenzene	190]U
1912-24-9	Atrazine	190]0
87-86-5	Pentachlorophenol	370 U
85-01-8	Phenanthrene	1900
120-12-7	Anthracene	190 บ
86-74-8	Carbazole	190 U
84-74-2	Di-n-butylphthalate	190 U
206-44-0	Fluoranthene	1900
129-00-0	Pyrene	190 0
85-68-7	Butylbenzylphthalate 3,3'-Dichlorobenzidine	190 U
91-94-1 56-55-3	Benzo(a) anthracene	190]U
218-01-9	Chrysene	190 U
117-81-7	Bis(2-ethylhexyl)phthalate	64 J
117-84-0	Di-n-octylphthalate	1900
205-99-2	Benzo(b) fluoranthene	1900
207-08-9	Benzo(k) fluoranthene	1900
50-32-8	Benzo(a) pyrene	1900
193-39-5	Indeno(1,2,3-cd)pyrene	1900
53-70-3	Dibenzo(a, h) anthracene	190U
191-24-2	Benzo(g,h,i)perylene	1900
58-90-2	2,3,4,6-Tetrachlorophenol	190U

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

H1003 (BGH-SB(2)-51) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SDG No.: H1PY8 SAS No.: Lab Sample ID: 7122012017 Matrix: (soil/water) SOIL Lab File ID: Sample wt/vol: 30 (g/mL) g Date Received: 5/1/2007 Level: (low/med) LOW % Moisture: 9.3398 Decanted: (Y/N) ____ Date Extracted: Date Analyzed: 5/16/2007 Concentrated Extract Volume: (uL) Dilution Factor: 1 Injection Volume: (uL) Extraction: (Type) GPC Cleanup: (Y/N) pH 7.9 CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg 100-52-7 Benzaldehyde 108-95-2 190 U Phenol 111-44-4 Bis(2-chloroethyl)ether 190 U 2-Chlorophenol 190 U 95-57-8 190 0 95-48-7 2-Methylphenol 108-60-1 2,2'-Oxybis(1-chloropropane) 190 U 21 J 98-86-2 Acetophenone 106-44-5 4-Methylphenol 190 621-64-7 190 U N-Nitroso-di-n-propylamine 67-72-1 Hexachloroethane 190 tr 98-95-3 Nitrobenzene 190 U 190 U 78-59-1 Isophorone 88-75-5 2-Nitrophenol 190 U 105-67-9 190 U 2,4-Dimethylphenol Bis(2-chloroethoxy)methane 190 U 111-91-1 120-83-2 2,4-Dichlorophenol 190 U 91-20-3 Naphthalene 190 U 106-47-8 4-Chloroaniline 190 U 190 U 87-68-3 Hexachlorobutadiene 190 U 105-60-2 Caprolactam 59-50-7 190 U 4-Chloro-3-methylphenol 91-57-6 190 U 2-Methylnaphthalene Hexachlorocyclopentadiene 77-47-4 190 U 88-06-2 190 U 2,4,6-Trichlorophenol 95-95-4 2,4,5-Trichlorophenol 190 U 1.1'-Biphenyl 92-52-4 190 U 2-Chloronaphthalene 91-58-7 19011 88-74-4 2-Nitroaniline 360 U 131-11-3 190 17 Dimethylphthalate 606-20-2 2,6-Dinitrotoluene 19010 208-96-8 190 U Acenaphthylene 99-09-2 3-Nitroaniline 360 U

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

U1003

Lab Name: Da	taChem Laboratories, Inc. Contract:	(BGH-SB(2)-51)
Lab Code: DA	TAC Case No.: 36335 SAS No.	: SDG No.: H1PY8
Matrix: (soil/	water) SOIL La	Sample ID: 7122012017
Sample wt/vol:	30 (g/mL) g Lai	File ID:
Level: (low/me	ed) LOW Date	te Received: 5/1/2007
% Moisture:	9.3398 Decanted: (Y/N) Dat	e Extracted:
		ce Analyzed: 5/16/2007
		lution Factor: 1
GPC Cleanup:	(Y/N) pH7.9 Ext	traction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	190 0
121-14-2	2,4-Dinitrotoluene	190 U
84-66-2	Diethylphthalate	1900
86-73-7	Fluorene	1900
7005-72-3	4-Chlorophenyl-phenylether	190 U
100-01-6	4-Nitroaniline	360 U
534-52-1	4,6-Dinitro-2-methylphenol	360 0
86-30-6	N-Nitrosodiphenylamine	190 U
95-94-3	1,2,4,5-Tetrachlorobenzene	190 U
101-55-3	4-Bromophenyl-phenylether	190 U
118-74-1	Hexachlorobenzene	190 U
1912-24-9	Atrazine	190 U
87-86-5	Pentachlorophenol	360 U
85-01-8	Phenanthrene	1900
120-12-7	Anthracene	_ 190 U
86-74-8	Carbazole	190 U
84-74-2	Di-n-butylphthalate	190 U
206-44-0	Fluoranthene	190 0
129-00-0	Pyrene	190 U
85-68-7	Butylbenzylphthalate	190 U
91-94-1	3,3'-Dichlorobenzidine	190 ປ
56-55-3	Benzo(a)anthracene	1900
218-01-9	Chrysene	190 0
117-81-7	Bis(2-ethylhexyl)phthalate	190 U
117-84-0	Di-n-octylphthalate	1900
205-99-2	Benzo(b)fluoranthene	190\U
207-08-9	Benzo(k)fluoranthene	190 U
50-32-8	Benzo(a)pyrene	190 U
193-39-5	Indeno(1,2,3-cd)pyrene	190
53-70-3	Dibenzo(a,h)anthracene	ט 190
191-24-2	Benzo(g,h,i)perylene	190 U
58-90-2	2,3,4,6-Tetrachlorophenol	190 U

190 U

360 U

83-32-9

51-28-5

100-02-7

Acenaphthene

4-Nitrophenol

2,4-Dinitrophenol

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1Q04

Lab Name: D	ataChem Laboratories, Inc. Contract:	(BGH-SS(20)-51)
Lab Code: D	ATAC Case No.: 36335 SAS N	Vo.: SDG No.: H1PYB
Matrix: (soil	/water) SOIL	Lab Sample ID: 7122012018
Sample wt/vol	: <u>30 (g/mL) g</u>	Lab File ID:
Level: (low/m	ned) LOW	Date Received: 5/1/2007
% Moisture:	5.2529 Decanted: (Y/N)	Date Extracted:
Concentrated	Extract Volume: (uL)	Date Analyzed: 5/16/2007
Injection Vol	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH 9.4	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	18010
108-95-2	Phenol	1800
111-44-4	Bis(2-chloroethyl)ether	1800
95-57-8	2-Chlorophenol	1800
95-48-7	2-Methylphenol	1800
108-60-1	2,2'-Oxybis(1-chloropropane)	1800
98-86-2	Acetophenone	23 J
106-44-5	4-Methylphenol	1800
621-64-7	N-Nitroso-di-n-propylamine	180U
67-72-1	Hexachloroethane	1800
98-95-3	Nitrobenzene	180 U
78-59-1	Isophorone	180 Ü
88-75-5	2-Nitrophenol	180 U
105-67-9	2,4-Dimethylphenol	180U
111-91-1	Bis(2-chloroethoxy)methane	1800
120-83-2	2,4-Dichlorophenol	1800
91-20-3	Naphthalene	180 U
106-47-8	4-Chloroaniline	180U
87-68-3	Hexachlorobutadiene	1800
105-60-2	Caprolactam	180 U
59-50-7	4-Chloro-3-methylphenol	180 U
91-57-6	2-Methylnaphthalene	180U
77-47-4	Hexachlorocyclopentadiene	1800
88-06-2	2,4,6-Trichlorophenol	180 U
95-95-4	2,4,5-Trichlorophenol	180 U
92-52-4	1,1'-Biphenyl	180 U
91-58-7	2-Chloronaphthalene	180 U
88-74-4	2-Nitroaniline	350 U
131-11-3	Dimethylphthalate	180 U
606-20-2	2,6-Dinitrotoluene	180 U
208-96-8	Acenaphthylene	180 U
99-09-2	3-Nitroaniline	350 U
83-32-9	Acenaphthene	180 U
51-28-5	2.4-Dinitrophenol	350U

Form I SV-53 (e-form)

100-02-7

4-Nitrophenol

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1Q04 (BGH-SS(20)-51) Lab Name: DataChem Laboratories, Inc. Contract: SAS No.: SDG No.: H1PY8 Lab Code: DATAC Case No.: 36335 SOIL Lab Sample ID: 7122012018 Matrix: (soil/water) Lab File ID: Sample wt/vol: 30 (g/mL) g Level: (low/med) LOW Date Received: 5/1/2007 % Moisture: 5.2529 Decanted: (Y/N) Date Extracted: Date Analyzed: 5/16/2007 Concentrated Extract Volume: (uL) (uL) Dilution Factor: Injection Volume: GPC Cleanup: (Y/N) рн 9.4 Extraction: (Type) CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg 132-64-9 180 U Dibenzofuran 121-14-2 2,4-Dinitrotoluene 180 U Diethylphthalate 84-66-2 180 U 180 U 86-73-7 Fluorene 4-Chlorophenyl-phenylether 4-Nitroaniline 7005-72-3 180 U 100-01-6 350 U 534-52-1 4,6-Dinitro-2-methylphenol 350 86-30-6 N-Nitrosodiphenylamine 180 U 95-94-3 1,2,4,5-Tetrachlorobenzene 180 U 101-55-3 4-Bromophenyl-phenylether 180 U 180 U 118-74-1 Hexachlorobenzene 1912-24-9 180 U Atrazine 350 U 87-86-5 Pentachlorophenol 85-01-8 Phenanthrene 180 0 120-12-7 180 U Anthracene 86-74-8 Carbazole 180 U 84-74-2 Di-n-butylphthalate 180 U 206-44-0 Fluoranthene 180 U 129-00-0 Pyrene 180 U 85-68-7 180 U Butylbenzylphthalate 3,3'-Dichlorobenzidine 180 U 91-94-1 180 U 56-55-3 Benzo(a)anthracene 218-01-9 18011 Chrysene 117-81-7 Bis(2-ethylhexyl)phthalate 180 U

180 U

180 U

180 U

180 U

180 U

180 U

180 U

117-84-0

205-99-2

207-08-9

50-32-8

193-39-5

53-70-3

191-24-2

58-90-2

Di-n-octylphthalate

Benzo(b) fluoranthene

Benzo(k)fluoranthene

Indeno(1,2,3-cd)pyrene

Dibenzo(a,h)anthracene

2,3,4,6-Tetrachlorophenol

Benzo(g,h,i)perylene

Benzo(a)pyrene

EPA SAMPLE NO.

SEMIVOLATILE	ORGANICS	ANALYSIS	DATA	SHEET	

		(DCH	H1Q05 SS(20)-57)
	DataChem Laboratories, Inc.	Contract:	
Lab Code:	DATAC Case No.: 36335	SAS No.: SDG No.	: H1PY8
Matrix: (so	il/water) <u>SOIL</u>	Lab Sample ID: 712:	2012019
Sample wt/vo	ol: <u>30</u> (g/mL) <u>g</u>	Lab File ID:	
Level: (low,	/med) LOW	Date Received: 5/1/2	2007
Moisture:	5.12 Decanted: (Y/N)	Date Extracted:	
Concentrated	d Extract Volume:(uL) Date Analyzed: 5/16/	/2007
Injection Vo	olume:(uL)	Dilution Factor: 1	
		9.2 Extraction: (Type)	
CAS NO.	COMPOUND	CONCENTRATION UNITS	
		(ug/L or ug/Kg) ug	/kg Q
100-52-7	Benzaldehyde		180 U
108-95-2	Phenol		180 U
111-44-4	Bis(2-chloroethyl)ether		180 U
95-57-8	2-Chlorophenol		180 U
95-48-7	2-Methylphenol		180 U
108-60-1	2,2'-Oxybis(1-chloropropane		180 U
98-86-2	Acetophenone		180 U
06-44-5	4-Methylphenol		180 0
621-64-7	N-Nitroso-di-n-propylamine		180 U
67-72-1	Hexachloroethane		180 U
98-95-3	Nitrobenzene		180 Ú
78-59-1	Isophorone		180 U
88-75-5	2-Nitrophenol		180 U
105-67-9	2,4-Dimethylphenol		180 U
111-91-1	Bis(2-chloroethoxy)methane		180 U
120-83-2	2,4-Dichlorophenol		180 U
91-20-3	Naphthalene		180 U
106-47-8	4-Chloroaniline		180 U
87-68-3	Hexachlorobutadiene		180 U
105-60-2	Caprolactam		180 U
59-50-7	4-Chloro-3-methylphenol		180 U
91-57-6	2-Methylnaphthalene		180 U
77-47-4	Hexachlorocyclopentadiene	,	180 U
88-06-2	2,4,6-Trichlorophenol		180 U
95-95-4	2,4,5-Trichlorophenol		180 Ú
92-52-4	1,1'-Biphenyl		180 U
91-58-7	2-Chloronaphthalene		180 U
88-74-4	2-Nitroaniline		350 U
131-11-3	Dimethylphthalate		180 U
606-20-2	2,6-Dinitrotoluene		180 U
208-96-8	Acenaphthylene		180 U
99-09-2	3-Nitroaniline		350 U
83-32-9	Acenaphthene		180 U
51-28-5	2,4-Dinitrophenol		350 U
100-02-7	4-Nitrophenol		350 U

Porm I SV-59 (e-form)

OLM04.2

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	ataChem Laboratories, In	c. Contract:	H1Q05 (BGH-SS(20)-57)
Lab Code: D	ATAC Case No.: 3	6335 SAS No.	.: SDG No.: H1PY8
Matrix: (soil	/water) <u>SOIL</u>	La	ab Sample ID: 7122012019
Sample wt/vol	: 30 (g/mL) g	La	b File ID:
Level: (low/m	ed) LOW	Da	te Received: 5/1/2007
% Moisture:		Y/N) Da	te Extracted:
Concentrated	Extract Volume:	(uL) Da	te Analyzed: <u>5/16/2007</u>
	ume:(uL)	Di	lution Factor: 1
GPC Cleanup:	(Y/N) pl	1 9.2 Ex	traction: (Type)
CAS NO.	COMPOUND		CONCENTRATION UNITS:
			(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran		180 U
121-14-2	2,4-Dinitrotoluene		1800
84-66-2	Diethylphthalate		1800
86-73-7	Fluorene		1800
7005-72-3	4-Chlorophenyl-phenylet	her	1800
100-01-6	4-Nitroaniline		3500
534-52-1	4,6-Dinitro-2-methylphe	nol	350 U
86-30-6	N-Nitrosodiphenylamine		1800
95-94-3	1,2,4,5-Tetrachlorobenz	ene	1800
101-55-3	4-Bromophenyl-phenyleth		1800
118-74-1	Hexachlorobenzene		1800
1912-24-9	Atrazine		1800
87-86-5	Pentachlorophenol		350lU
85-01-8			1800
120-12-7	Anthracene Carbazole		1800
86-74-8	Carbazole		1800
84-74-2	Di-n-butylphthalate		180 U
206-44-0	Fluoranthene	·· · · - ·	180 0
129-00-0	Pyrene		1800
85-68-7	Butylbenzylphthalate		1800
91-94-1	3,3'-Dichlorobenzidine		1800
56-55-3	Benzo(a)anthracene		1800
218-01-9	Chrysene		1800
117-81-7	Bis(2-ethylhexyl)phthal	ate	180 U
117-84-0	Di-n-octylphthalate		180 U
205-99-2	Benzo(b)fluoranthene		180 U
207-08-9	Benzo(k)fluoranthene		1800
50-32-8	Benzo(a)pyrene		1800
193-39-5	Indeno(1,2,3-cd)pyrene		1800
53-70-3	Dibenzo(a,h)anthracene		180 U
191-24-2	Benzo(g,h,i)perylene		1800
58-90-2	2,3,4,6-Tetrachlorophen	01	180 U
			100 0

EPA SAMPLE NO.

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SEMIVOLATILE	ORGANICS	ANALYSIS	DATA	SHEET

ab Name:	DataChem La	boratories,	Inc.	Conti	ract:		H1Q06 (BGH-SS(22)-51)
ab Code:	DATAC	Case No.:	36335		SAS N	lo.:	SDG No.: H1PY8
Matrix: (so	il/water)	SOIL	_		:	Lab Sample II	9: 7122012020
Gample wt/v	ol: <u>30</u>	(g/mL) g	_			Lab File ID:	
evel: (low	/med) <u>LOW</u>	_			1	Date Received	5/1/2007
Moisture:	15.595	Decanted:	{Y/N}		1	Date Extracte	d:
Concentrate	d Extract Vo	lume:	(ı	ıL)	1	Date Analyzed	1: 5/16/2007
njection V	olume:	(uL)			1	Dilution Fact	or: <u>1</u>
PC Cleanup	: (Y/N)		pH g	9.1	1	Extraction:	(Type)
CAS NO.	COMPOU	1D				CONCENTRATI	ION UNITS:

		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	200 U
108-95-2	Phenol	200 U
111-44-4	Bis(2-chloroethyl)ether	200 U
95-57-8	2-Chlorophenol	200 U
95-48-7	2-Methylphenol	200 U
108-60-1	2,2'-Oxybis(1-chloropropane)	200 U
98-86-2	Acetophenone	25 J
106-44-5	4-Methylphenol	200 U
621-64-7	N-Nitroso-di-n-propylamine	200 U
67-72-1	Hexachloroethane	200 U
98-95-3	Nitrobenzene	200 U
78-59-1	Isophorone	200 U
88-75-5	2-Nitrophenol	200 U
105-67-9	2,4-Dimethylphenol	200 0
111-91-1	Bis(2-chloroethoxy)methane	200 U
120-83-2	2,4-Dichlorophenol	200 U
91-20-3	Naphthalene	200 U
106-47-8	4-Chloroaniline	200 U
87-68-3	Hexachlorobutadiene	200 U
105-60-2	Caprolactam	200 U
59-50-7	4-Chloro-3-methylphenol	200 U
91-57-6	2-Methylnaphthalene	200 U
77-47-4	Hexachlorocyclopentadiene	200 U
88-06-2	2,4,6-Trichlorophenol	200 U
95-95-4	2,4,5-Trichlorophenol	200 U
92-52-4	1,1'-Biphenyl	200 U
91-58-7	2-Chloronaphthalene	200 U
88-74-4	2-Nitroaniline	390 Ü
131-11-3	Dimethylphthalate	200 U
606-20-2	2,6-Dinitrotoluene	2000
208-96-8	Acenaphthylene	200 U
99-09-2	3-Nitroaniline	390 U
83-32-9	Acenaphthene	200 U
51-28-5	2,4-Dinitrophenol	390 0
100-02-7	4-Nitrophenol	390 U

Form I SV-65 (e-form)

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem La	boratories,	Inc.	Contra	ct:		H1Q06 (BGH-SS(22)-51)
Lab Code:	DATAC	Case No.:	36335	s	AS No	o.:	SDG No.: H1PY8
Matrix: (soi	il/water)	SOIL	_		I	ab Sample ID:	7122012020
Sample wt/vo	ol: <u>30</u>	(g/mL) g	_		I	ab File ID:	
Level: (low/	med) LOW_				D	ate Received:	5/1/2007
% Moisture:	15.595	Decanted:	(Y/N)		E	ate Extracted	:
Concentrated	Extract Vo	lume:	(uL)	ם	ate Analyzed:	5/16/2007
Injection Vo	olume:	(uL)			D	ilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N)		pH _	9.1	E	extraction:	(Type)
CAS NO.	COMPOUT	ND				CONCENTRATIO	

		(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	200[Ü
121-14-2	2,4-Dinitrotoluene	2000
84-66-2	Diethylphthalate	200 U
86-73-7	Fluorene	200 U
7005-72-3	4-Chlorophenyl-phenylether	2000
100-01-6	4-Nitroaniline	390 U
534-52-1	4,6-Dinitro-2-methylphenol	390 U
86-30-6	N-Nitrosodiphenylamine	200 U
95-94-3	1,2,4,5-Tetrachlorobenzene	200 U
101-55-3	4-Bromophenyl-phenylether	200 U
118-74-1	Hexachlorobenzene	200 U
1912-24-9	Atrazine	2000
87-86-5	Pentachlorophenol	390 U
85-01-8	Phenanthrene	2000
120-12-7	Anthracene	200 U
86-74-8	Carbazole	200 U
84-74-2	Di-n-butylphthalate	200 U
206-44-0	Fluoranthene	200 U
129-00-0	Pyrene	200 U
85-68-7	Butylbenzylphthalate	200 U
91-94-1	3,3'-Dichlorobenzidine	200 U
56-55-3	Benzo(a) anthracene	200 0
218-01-9	Chrysene	200 U
117-81-7	Bis(2-ethylhexyl)phthalate	200 U
117-84-0	Di-n-octylphthalate	200 U
205-99-2	Benzo(b)fluoranthene	200 U
207-08-9	Benzo(k)fluoranthene	200 U
50-32-8	Benzo(a)pyrene	200 U
193-39-5	Indeno(1,2,3-cd)pyrene	200 U
53-70-3	Dibenzo(a,h)anthracene	200 U
191-24-2	Benzo(g,h,i)perylene	200 U
58-90-2	2,3,4,6-Tetrachlorophenol	200 U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1Q07

Lab Name: Da	ataChem Laboratories, Inc. Contract:	(BGH-SF(0.5)-72)
Lab Code: Di	ATAC Case No.: 36335 SAS No.	: SDG No.: H1PY8
Matrix: (soil	/water) SOIL Lai	Sample ID: 7122012021
Sample wt/vol	: <u>30 (g/mL) g</u> Lal	File ID:
Level: (low/m	ed) LOW Dat	e Received: 5/1/2007
% Moisture:	10.152 Decanted: (Y/N) Dat	e Extracted:
Concentrated :	Extract Volume:(uL) Dat	e Analyzed: 5/16/2007
		ution Factor: 1
GPC Cleanup:	(Y/N) pH8.3 Ext	raction: (Type)
CAS NO.		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	82JJ]
108-95-2	Phenol	21 1
111-44-4	Bis(2-chloroethyl)ether	190 U
95-57-8	2-Chlorophenol	1900
95-48-7	2-Methylphenol	1900
108-60-1	2,2'-Oxybis(1-chloropropane)	190 U
98-86-2	Acetophenone	51 3
106-44-5	4-Methylphenol	1900
621-64-7	N-Nitroso-di-n-propylamine	1900
67-72-1	Hexachloroethane	1900
98-95-3	Nitrobenzene	1900
78-59-1	Isophorone	1900
88-75-5	2-Nitrophenol	190 U
105-67-9	2,4-Dimethylphenol	190 U
111-91-1	Bis(2-chloroethoxy)methane	190 U
120-83-2		1900
91-20-3	Naphthalene	190 0
106-47-8	4-Chloroaniline	190 0
87-68-3	Hexachlorobytadiene	1900
105-60-2	Caprolactam	1900
59-50-7	4-Chloro-3-methylphenol	190 U
91-57-6	2-Methylnaphthalene	29 J
77-47-4	Hexachlorocyclopentadiene	190 U
88-06-2	2,4,6-Trichlorophenol	190 U
95-95-4	2,4,5-Trichlorophenol	1900
92-52-4	1,1'-Biphenyl	1900
91-58-7	2-Chloronaphthalene	1900
88-74-4	2-Nitroaniline	370 U
131-11-3	Dimethylphthalate	190 U
606-20-2	2,6-Dinitrotoluene	190 U
208-96-8	Acenaphthylene	190 U
99-09-2	3-Nitroaniline	370 0
83-32-9	Acenaphthene	1900
51-28-5	2,4-Dinitrophenol	370 U
100-02-7	4-Nitrophenol	3700

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	ataChem Laboratories, Inc. Cont	H1QD7 (BGH-SF(0.5)-72)
		SAS No.: SDG No.: H1PY8
	/water) SOIL	Lab Sample ID: 7122012021
Sample wt/vol	: <u>30 (g/mL) g</u>	Lab File ID:
Level: (low/m	ed) LOW	Date Received: 5/1/2007
% Moisture:	10.152 Decanted: (Y/N)	Date Extracted:
Concentrated	Extract Volume:(uL)	Date Analyzed: 5/16/2007
Injection Vol	ume:(uL)	Dilution Factor: 1
	(У/И) рн 8.3	
CAS NO	COMPOUND	CONCENTRATION UNITS:
CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/kg Q
		
132-64-9	Dibenzofuran	190 U
121-14-2	2,4-Dinitrotoluene	190 U
84-66-2	Diethylphthalate	190 0
86-73-7	Fluorene	1900
7005-72-3	4-Chlorophenyl-phenylether	190 U
100-01-6	4-Nitroaniline	370 U
534-52-1	4,6-Dinitro-2-methylphenol	370 U
86-30-6	N-Nitrosodiphenylamine	1900
95-94-3	1,2,4,5-Tetrachlorobenzene	190)U
101-55-3	4-Bromophenyl-phenylether	190 U
118-74-1	Hexachlorobenzene	190 0
1912-24-9	Atrazine	190 U
87-86-5	Pentachlorophenol	370 U
85-01-8	Phenanthrene	1900
120-12-7	Anthracene	1900
86-74-8	Carbazole	190 0
84-74-2	Di-n-butylphthalate	1900
206-44-0	Fluoranthene	190 0
129-00-0	Pyrene	1900
85-68-7	Butylbenzylphthalate	1900
91-94-1	3,3'-Dichlorobenzidine	1900
56-55-3	Benzo(a) anthracene	1900
218-01-9	Chrysene	1900
117-81-7	Bis(2-ethylhexyl)phthalate	1900
117-84-0	Di-n-octylphthalate	1900
205-99-2	Benzo(b) fluoranthene	1900
207-08-9	Benzo(k) fluoranthene	1900
50-32-8	Benzo (a) pyrene	1900
193-39-5	Indeno(1,2,3-cd)pyrene	190 U
53-70-3	Dibenzo(a,h)anthracene	190 U
191-24-2	Benzo(g,h,i)perylene	1900
58-90-2	12.3.4.6-Tetrachlorophenol	1900

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1Q08

Lab Name: _ I	DataChem Laboratories, Inc. Cont	tract: (BGH-SB(2)-72)
Lab Code: _ I	DATAC Case No.: 36335	SAS No.: SDG No.: H1PX7
Matrix: (soil	/water) SOIL	Lab Sample ID: 7122008001
Sample wt/vol	: <u>30 (g/mL) g</u>	Lab File ID:
Level: (low/m	ed) LOW	Date Received: 05/01/2007
% Moisture:		Date Extracted:
Concentrated 1	Extract Volume:(uL)	Date Analyzed: 5/17/2007
	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH9.1	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	29 J
108-95-2	Phenol	200 U
111-44-4	Bis(2-chloroethyl)ether	200 U
95-57-8	2-Chlorophenol	200 U
95-48-7	2-Methylphenol	200 0
108-60-1	2,2'-Oxybis(1-chloropropane)	200 U
98-86-2	Acetophenone	12 J
106-44-5	4-Methylphenol	200 0
621-64-7	N-Nitroso-di-n-propylamine	200 U
67-72-1	Hexachloroethane	200 0
98-95-3	Nitrobenzene	200 U
78-59-1	Isophorone	200 U
88-75-5	2-Nitrophenol	200 U
105-67-9	2,4-Dimethylphenol	200 U
111-91-1	Bis(2-chloroethoxy)methane	200 U
120-83-2	2,4-Dichlorophenol	200 U
91-20-3	Naphthalene	200 U
106-47-8	4-Chloroaniline	200 U
87-68-3	Hexachlorobutadiene	200 U
105-60-2	Caprolactam	200 U
59-50-7	4-Chloro-3-methylphenol	200 U
91-57-6	2-Methylnaphthalene	200 U
77-47-4	Hexachlorocyclopentadiene	200 U
88-06-2	2,4,6-Trichlorophenol	200 U
95-95-4	2,4,5-Trichlorophenol	200 U
92-52-4	1,1'-Biphenyl	200 U
91-58-7	2-Chloronaphthalene	200 U
88-74-4	2-Nitroaniline	380 U
131-11-3	Dimethylphthalate	200 U
606-20-2	2,6-Dinitrotoluene	200 U
208-96-8	Acenaphthylene	200 U
99-09-2	3-Nitroaniline	380 U
83-32-9	Acenaphthene	200 U 380 U
51-28-5	2,4-Dinitrophenol	380 U

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1Q08

Lab Name:	DataChem Laboratories, Inc. Contract: (BGH-SB(2)-72)
Lab Code:	DATAC Case No.: 36335 SAS No.: SDG No.: H1PX7
Matrix: (soil	/water) <u>SOIL</u> Lab Sample ID: <u>7122008001</u>
Sample wt/vol	: 30 (g/mL) g Lab File ID:
Level: (low/m	ed) LOW Date Received: 05/01/2007
% Moisture:	14.24 Decanted: (Y/N) Date Extracted:
Concentrated	Extract Volume:(uL) Date Analyzed: 5/17/2007
Injection Vol	ume: (uL) Dilution Factor: 1
GPC Cleanup:	(Y/N) pH 9.1 Extraction: (Type)
CAS NO.	COMPOUND CONCENTRATION UNITS:
	(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran 200 U
121-14-2	2,4-Dinitrotoluene 200 U
84-66-2	Diethylphthalate 48 J
86-73-7	Fluorene 200 U
7005-72-3	4-Chlorophenyl-phenylether 200 U
100-01-6	4-Nitroaniline 380 U
534-52-1	4,6-Dinitro-2-methylphenol 380 U
86-30-6	N-Nitrosodiphenylamine 200 U
95-94-3	1,2,4,5-Tetrachlorobenzene 200 U
101-55-3	4-Bromophenyl-phenylether 200 U
118-74-1	Hexachlorobenzene 200 U
1912-24-9	Atrazine 200 U
87-86-5	Pentachlorophenol 380 U
85-01-8	Phenanthrene 200 U
120-12-7	Anthracene 200 U
86-74-8	Carbazole 200 U
84-74-2	Di-n-butylphthalate 200 U
206-44-0	Fluoranthene 200 U
129-00-0	Pyrene 200 U
85-68-7	Dubullan Milabahahaha
91-94-1	3,3'-Dichlorobenzidine 200 U
56-55-3	Benzo(a) anthracene 200 U
218-01-9	Chrysene 200 U
117-81-7	Bis(2-ethylhexyl)phthalate 36 JB
117-84-0	Di-n-octylphthalate 200 U
205-99-2	Benzo(b) fluoranthene
207-08-9	Benzo(k) fluoranthene 200 U
50-32-8	Benzo(a) pyrene 200 U
193-39-5	Indeno(1,2,3-cd)pyrene 200 U
53-70-3	Dibenzo(a, h) anthracene 200 U
191-24-2	Benzo(g,h,i)perylene 200 U
58-90-2	2.00 U
1 20-20-6	2,3,4,0-rectaciiiotophenoi 200 0

H1YC7

Form I SV-103 (e-form)

100-02-7

4-Nitrophenol

OLM04.2

370 U

191-24-2

58-90-2

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lah Name:	DataChem Laboratories, Inc. Cont	H1YC7 (BGH-SF(0.5)-69)
Lab Code: _	DATAC Case No.: 36335	SAS No.: SDG No.: H1PX7
Matrix: (soil	L/water) SOIL	Lab Sample ID: 7122008002
Sample wt/vol	l: 30 (g/mL) g	Lab File ID:
Level: (low/n	ned) <u>LOW</u>	Date Received: 05/01/2007
% Moisture:	10.372 Decanted: (Y/N)	Date Extracted:
	Extract Volume:(uL)	Date Analyzed: 5/17/2007
Injection Vol	Lume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH 8.6	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	190 U
121-14-2	2,4-Dinitrotoluene	190 U
84-66-2	Diethylphthalate Fluorene	40 J
86-73-7	Fluorene	190 U
7005-72-3	4-Chlorophenyl-phenylether	190 U
100-01-6	4-Nitroaniline	370 U
534-52-1	4,6-Dinitro-2-methylphenol	370 U
86-30-6	N-Nitrosodiphenylamine	190 0
95-94-3	1,2,4,5-Tetrachlorobenzene	190 U
101-55-3	4-Bromophenyl-phenylether	190 U
118-74-1	Hexachlorobenzene	190 U
1912-24-9	Atrazine	190 U
87-86-5	Pentachlorophenol	370 U
85-01-8	Phenanthrene	190 U
120-12-7	Anthracene	190 U
86-74-8	Carbazole	190 U
84-74-2	Di-n-butylphthalate	190 U
206-44-0	Fluoranthene	190 U
129-00-0	Pyrene	190 U
85-68-7	Butylbenzylphthalate	190 0
91-94-1	3,3'-Dichlorobenzidine	190 U
56-55-3	Benzo(a) anthracene	17 5
218-01-9	Chrysene	19 J
117-81-7	Bis(2-ethylhexyl)phthalate	
117-84-0	Di-n-octylphthalate	190 U
205-99-2	Benzo(b) fluoranthene	190 U
207-08-9	Benzo(k) fluoranthene	190 U
50-32-8	Benzo(a) pyrene	190 0
193-39-5	Indeno(1,2,3-cd)pyrene	1900 U
E3 70 2	Dibongo (a b) anti-	100 0

Benzo(g,h,i)perylene

2,3,4,6-Tetrachlorophenol

190 U

100-02-7

4-Nitrophenol

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	ataChem Laboratories, Inc. Contract:	(BGH-SB(2)-69)	l
Lab Code: D	ATAC Case No.: 36335 SAS No	.: SDG No.: H1PX7	_
Matrix: (soil/	water) SOIL La	ab Sample ID: 7122008003	
Sample wt/vol:	30 (g/mL) g	ab File ID:	
Level: (low/me	ed) LOW Da	ate Received: 05/01/2007	
Moisture:	6.9307 Decanted: (Y/N) Da	ate Extracted:	
Concentrated E	Extract Volume:(uL) Da	ate Analyzed: 5/17/2007	
Injection Volu	me:(uL) Di	ilution Factor: 1	
GPC Cleanup:	(Y/N) pH9.2 Ex	xtraction: (Type)	_
CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) ug/kg Q	
100-52-7	Benzaldehyde	34 J	7
108-95-2	Phenol	180 0	1
111-44-4	Bis(2-chloroethyl)ether	180 U	4
95-57-8	2-Chlorophenol	180 U	4
			4
95-48-7	2-Methylphenol	180 U	4
108-60-1	2,2'-0xybis(1-chloropropane)	180 U	1
98-86-2	Acetophenone	9.5 J	J
106-44-5	4-Methylphenol	180 U]
621-64-7	N-Nitroso-di-n-propylamine	180 0	7
67-72-1	Hexachloroethane	180 U	1
98-95-3	Nitrobenzene	180 U	1
78-59-1	Isophorone	180 0	1
88-75-5	2-Nitrophenol	180 U	1
105-67-9	2,4-Dimethylphenol	180 0	1
111-91-1	Bis(2-chloroethoxy)methane	180 U	1
120-83-2	2,4-Dichlorophenol	180 U	1
91-20-3	Naphthalene	190 J	1
			4
106-47-8	4-Chloroaniline	180 U	1
87-68-3	Hexachlorobutadiene	180 U	1
105-60-2	Caprolactam	180 U	1
59-50-7	4-Chloro-3-methylphenol	180 U	1
91-57-6	2-Methylnaphthalene	8.6 J	1
77-47-4	Hexachlorocyclopentadiene	180 U	1
88-06-2	2,4,6-Trichlorophenol	180 U]
95-95-4	2,4,5-Trichlorophenol	180 U	1
92-52-4	1,1'-Biphenyl	180 U	1
91-58-7	2-Chloronaphthalene	180 U	1
88-74-4	2-Nitroaniline	350 U	1
131-11-3	Dimethylphthalate	180 U	1
606-20-2	2.6-Dinitrotoluene	180 U	1
208-96-8	Acenaphthylene	180 0	1
99-09-2	3-Nitroaniline	350 U	ı
83-32-9	Acenaphthene	36 J	1
51 20 5	3 4 Dinitrophonol	360 11	-

Form I SV-57 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YC8 (BGH-SB(2)-69) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PX7 Lab Sample ID: 7122008003 Matrix: (soil/water) SOIL Sample wt/vol: 30 (g/mL) g Lab File ID: 05/01/2007 Level: (low/med) Date Received: % Moisture: 6.9307 Decanted: (Y/N) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/17/2007 (uL) Dilution Factor: Injection Volume: (Y/N) GPC Cleanup: pH 9.2 Extraction: (Type) CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg 132-64-9 Dibenzofuran 121-14-2 2,4-Dinitrotoluene 84-66-2 Diethylphthalate 86-73-7 Fluorene

86-/3-/	Fluorene	54	J
7005-72-3	4-Chlorophenyl-phenylether	180	
100-01-6	4-Nitroaniline	350	
534-52-1	4,6-Dinitro-2-methylphenol	350	
86-30-6	N-Nitrosodiphenylamine	180	Ü
95-94-3	1,2,4,5-Tetrachlorobenzene	180	Ü
101-55-3	4-Bromophenyl-phenylether	180	Ü
118-74-1	Hexachlorobenzene	180	Ū
1912-24-9	Atrazine	180	บั
87-86-5	Pentachlorophenol	350	Ü
85-01-8	Phenanthrene	940	
120-12-7	Anthracene	270	
86-74-8	Carbazole	110	J
84-74-2	Di-n-butylphthalate	180	ับ
206-44-0	Fluoranthene	1100	
129-00-0	Pyrene	1300	
85-68-7	Butylbenzylphthalate	180	U
91-94-1	3,3'-Dichlorobenzidine	180	U
56-55-3	Benzo(a)anthracene	630	
218-01-9	Chrysene	780	
117-81-7	Bis(2-ethylhexyl)phthalate	18	JB
117-84-0	Di-n-octylphthalate	180	U
205-99-2	Benzo(b)fluoranthene		
207-08-9	Benzo(k)fluoranthene	270	
50-32-8	Benzo(a)pyrene	600	
193-39-5	Indeno(1,2,3-cd)pyrene	310	
53-70-3	Dibenzo(a,h)anthracene	110	J
191-24-2	Benzo(g,h,i)perylene	260	
58-90-2	2,3,4,6-Tetrachlorophenol	180	U

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

1C (e-form)

*-b N	and the state of t		H1YC9 (BGH-SF(0.5)-71)
_	OataChem Laboratories, Inc. Contract		
	DATAC Case No.: 36335 SAS		
Matrix: (soil.	/water) SOIL	Lab Sample ID:	
Sample wt/vol	: <u>30 (g/mL) g</u>	Lab File ID:	
Level: (low/me	ed) <u>LOW</u>	Date Received:	05/01/2007
% Moisture:	8.5859 Decanted: (Y/N)	Date Extracted	:
Concentrated I	Extract Volume: (uL)	Date Analyzed:	5/17/2007
Injection Volu	me:(uL)	Dilution Factor	r: <u>1</u>
GPC Cleanup:	(Y/N) pH 8.1	Extraction:	(Туре)
CAS NO.	COMPOUND	CONCENTRATIO	N UNITS:
		(ug/L or ug/	Kg) ug/kg Q
100-52-7	Benzaldehyde		160 J
108-95-2	Phenol		190 U
111-44-4	Bis(2-chloroethy1)ether		190 0
95-57-8	2-Chlorophenol		190 U
95-48-7	2-Methylphenol		190 U
108-60-1	2,2'-0xybis(1-chloropropane)		190 Ü
98-86-2	Acetophenone		9.5 J
106-44-5	4-Methylphenol		190 U
621-64-7	N-Nitroso-di-n-propylamine		190 U
67-72-1	Hexachloroethane		190 U
98-95-3	Nitrobenzene		190 U
78-59-1	Isophorone		190 U
88-75-5	2-Nitrophenol		190 U
105-67-9	2.4-Dimethylphenol		190 U
111-91-1	Bis(2-chloroethoxy) methane		190 U
120-83-2	2,4-Dichlorophenol		190 U
91-20-3	Naphthalene		190 U
106-47-8	4-Chloroaniline		190 U
87-68-3	Hexachlorobutadiene	_	190 U
105-60-2	Caprolactam		190 U
59-50-7	4-Chloro-3-methylphenol	-	190 U
91-57-6	2-Methylnaphthalene		190 U
77-47-4	Hexachlorocyclopentadiene		190 U
88-06-2	2,4,6-Trichlorophenol		190 U
95-95-4	2,4,5-Trichlorophenol		190 U
92-52-4	1.1'-Biphenyl		190 U
91-58-7	2-Chloronaphthalene		190 0
88-74-4	2-Nitroaniline		360 0
131-11-3	Dimethylphthalate		190 0
606-20-2	2,6-Dinitrotoluene		190 U
208-96-8	Acenaphthylene		190 U
99-09-2	3-Nitroaniline	-+	360 U
83-32-9	Acenaphthene		190 0
51-28-5	2.4-Dinitrophenol		360 U
100-02-7	4-Nitrophenol		360 U

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

	oranghan tahanatanian tah	H1YC9 (BGH-SF(0.5)-71)
	DataChem Laboratories, Inc. Con	
_		SAS No.: SDG No.: H1PX7
Matrix: (soil,	/water) SOIL	Lab Sample ID: 7122008004
Sample wt/vol	: 30 (g/mL) <u>g</u>	Lab File ID:
Level: (low/me	ed) LOW	Date Received: 05/01/2007
% Moisture:	8.5859 Decanted: (Y/N)	Date Extracted:
Concentrated I	Extract Volume:(uL)	Date Analyzed: 5/17/2007
Injection Volu	ıme:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.1</u>	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	190 Ü
121-14-2	2,4-Dinitrotoluene	190 U
84-66-2	Diethylphthalate	31 J
86-73-7	Fluorene	190 U
7005-72-3	4-Chlorophenyl-phenylether	190 U
100-01-6	4-Nitroaniline	. 360 U
534-52-1	4,6-Dinitro-2-methylphenol	360 U
86-30-6	N-Nitrosodiphenylamine	190 U
95-94-3	1,2,4,5-Tetrachlorobenzene	190 0
101-55-3	4-Bromophenyl-phenylether	190 U
118-74-1	Hexachlorobenzene	190 U
1912-24-9	Atrazine	190 U
87-86-5	Pentachlorophenol	360 U
85-01-8	Phenanthrene	190 U
120-12-7	Anthracene	190 U
86-74-8	Carbazole	190 U
84-74-2	Di-n-butylphthalate	190 U
206-44-0	Fluoranthene	11 J
129-00-0	Pyrene	17 J
85-68-7 91-94-1	Butylbenzylphthalate 3.3'-Dichlorobenzidine	190 U 190 U
56-55-3	Benzo(a) anthracene	190 0
218-01-9	Chrysene	21 J
117-81-7	Bis(2-ethylhexyl)phthalate	351 JB
117-84-0	Di-n-octylphthalate	190 U
205-99-2	Benzo(b) fluoranthene	190 U
207-08-9	Benzo(k) fluoranthene	190 U
50-32-8	Benzo(a) pyrene	190 U
193-39-5	Indeno(1,2,3-cd)pyrene	190 U
53-70-3	Dibenzo(a,h)anthracene	190 U
191-24-2	Benzo(g,h,i)perylene	190 U
58-90-2	2,3,4,6-Tetrachlorophenol	190 U
	2/3/1/3 recruentorophenor	

EPA SAMPLE NO.

H1YD0

SEMIVOLATILE	ORGANICS	ANALYSIS	DATA	SHEET	
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Lab Name:	DataChem Laboratories, Inc. Cont	tract: (BGH-SB(2)-71)
_		SAS No.: SDG No.: H1PX7
- Matrix: (soi	l/water) SOIL	Lab Sample ID: 7122008005
		Lab File ID:
Level: (low/	med) LOW	Date Received: 05/01/2007
Moisture:	9.707 Decanted: (Y/N)	Date Extracted:
Concentrated	Extract Volume: (uL)	Date Analyzed: 5/17/2007
Injection Vo	lume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>7.2</u>	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	170 J
108-95-2	Phenol	190 U
111-44-4	Bis(2-chloroethyl)ether	190 U
95-57-8	2-Chlorophenol	190 U
95-48-7	2-Methylphenol	190 U
108-60-1	2,2'-Oxybis(1-chloropropane)	190 U
98-86-2	Acetophenone	8.7 J
106-44-5	4-Methylphenol	190 U
621-64-7	N-Nitroso-di-n-propylamine	190 U
67-72-1	Hexachloroethane	190 U
98-95-3	Nitrobenzene	1901 0
78-59-1	Isophorone	190 U
88-75-5	2-Nitrophenol	190 U
105-67-9	2.4-Dimethylphenol	190 U
111-91-1		190 0
	Bis(2-chloroethoxy)methane	190 U
120-83-2	2,4-Dichlorophenol	190 U
91-20-3	Naphthalene	
106-47-8	4-Chloroaniline	190 U
87-68-3	Hexachlorobutadiene	190 0
105-60-2	Caprolactam	190 U
59-50-7	4-Chloro-3-methylphenol	190 U
91-57-6	2-Methylnaphthalene	190 U
77-47-4	Hexachlorocyclopentadiene	190 U
88-06-2	2,4,6-Trichlorophenol	190 ប
95-95-4	2,4,5-Trichlorophenol	190 Ü
92-52-4	1,1'-Biphenyl	190 ປ
91-58-7	2-Chloronaphthalene	190 U
88-74-4	2-Nitroaniline	370 U
131-11-3	Dimethylphthalate	190 0
606-20-2	2,6-Dinitrotoluene	190 U
208-96-8	Acenaphthylene	. 190 U
99-09-2	3-Nitroaniline	370 U
83-32-9	Acenaphthene	190 U
51-28-5	2,4-Dinitrophenol	370 0
100-02-7	4-Nitrophenol	370 U

Form I SV-63 (e-form)

84-74-2 206-44-0

129-00-0

85-68-7

91-94-1

56-55-3

218-01-9 117-81-7

117-84-0 205-99-2 207-08-9 50-32-8

193-39-5

53-70-3 191-24-2

58-90-2

Di-n-butylphthalate Fluoranthene

Benzo(a)anthracene

Di-n-octylphthalate
Benzo(b) fluoranthene
Benzo(k) fluoranthene

Benzo(a)pyrene Indeno(1,2,3-cd)pyrene

Dibenzo(a, h) anthracene
Benzo(g, h, i) perylene
2,3,4,6-Tetrachlorophenol

Butylbenzylphthalate 3,3'-Dichlorobenzidine

Chrysene Bis(2-ethylhexyl)phthalate

Pyrene

1C (e-form)

EPA SAMPLE NO.

190 U 190 U 190 U 190 U

190 U

13 J 31 JB 190 U

190 U

190 U

190 U

190 U

190 U

OLM04.2

	SEM	IVOLATILE OR	GANICS ANA	LYSIS DATA SHEET	
Lab Name:	DataChem	Laboratories	, Inc. C	ontract:	H1YD0 (BGH-SB(2)-71)
Lab Code:	DATAC	Case No.:	36335	SAS No.:	SDG No : H1PX7
Matrix: (soi	l/water)	SOIL	_	Lab Sample	P ID: 7122008005
Sample wt/vo	1: 30	(g/mL) g	_	Lab File	ID:
Level: (low/	med) <u>LOW</u>			Date Rece	ived: 05/01/2007
% Moisture:	9.707	Decanted:	(Y/N) _	Date Extra	acted:
Concentrated	Extract V	olume:	(uL)	Date Analy	yzed: 5/17/2007
Injection Vo	lume: _	(uL)	Dilution 1	Factor: <u>1</u>
GPC Cleanup:	(Y/N)		рн 7.3	Extraction	n: (Type)
CAS NO.	COMPO	UND			RATION UNITS: r ug/kg
132-64-9	Dibenzo	furan			190 0
121-14-2	2,4-Dir	itrotoluene			190 0
84-66-2	Diethy.	phthalate			27 J
86-73-7	Fluorer	ne			190 U
7005-72-3	4-Chlor	ophenyl-pher	vlether		190 U
100-01-6	4-Nitro	aniline			370 U
534-52-1		itro-2-methy	lphenol		370 U
86-30-6		sodiphenylar			190 0
95-94-3	1,2,4,5	-Tetrachloro	benzene		190 U
101-55-3		phenyl-pheny			190 U
118-74-1		orobenzene			190 U
1912-24-9	Atrazir				190 U
87-86-5	Pentach	lorophenol			370 U
85-01-8	Phenant				190 0
120-12-7	Anthrac	ene			190 U
86-74-8	Carbazo				190 0
84-74-2	Di-n-bu	tylphthalate			190 Ü
332 11 6					

EPA SAMPLE NO.

H1YD1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem Laboratories, Inc. Cont	ract: (BGH-SF(0.5)-65)
Lab Code:	DATAC Case No.: 36335	SAS No.: SDG No.: H1PX7
Matrix: (soil	/water) SOIL	Lab Sample ID: 7122008006
Sample wt/vol	: 30 (g/mL) g	Lab File ID:
Level: (low/m	ed) LOW	Date Received: 05/01/2007
% Moisture:	4.7706 Decanted: (Y/N)	Date Extracted:
Concentrated	Extract Volume: (uL)	Date Analyzed: 5/17/2007
Injection Vol	ume:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH9	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	
108-95-2	Phenol	180 U
111-44-4	Bis(2-chloroethyl)ether	180 U
95-57-8	2-Chlorophenol	180 U
95-48-7	2-Methylphenol	180 U
108-60-1	2,2'-Oxybis(1-chloropropane)	180 U
98-86-2	Acetophenone	10 J
106-44-5	4-Methylphenol	180 U
621-64-7	N-Nitroso-di-n-propylamine	180 U
67-72-1	Hexachloroethane	180 U
98-95-3	Nitrobenzene	180 U
78-59-1	Isophorone	180 U
88-75-5	2-Nitrophenol	180 U
105-67-9	2,4-Dimethylphenol	180 0
111-91-1	Bis(2-chloroethoxy)methane	180 U
120-83-2	2,4-Dichlorophenol	180 U
91-20-3	Naphthalene	180 U
106-47-8	4-Chloroaniline	180 U
87-68-3	Hexachlorobutadiene	180 U
105-60-2	Caprolactam	180 U
59-50-7	4-Chloro-3-methylphenol	180 U
91-57-6	2-Methylnaphthalene	9.8 J
77-47-4	Hexachlorocyclopentadiene	180 U
88-06-2	2,4,6-Trichlorophenol	180 U
95-95-4	2,4,5-Trichlorophenol	180 U
92-52-4	1,1'-Biphenyl	180 U
91-58-7	2-Chloronaphthalene	180 U
88-74-4	2-Nitroaniline	350 U
131-11-3	Dimethylphthalate	180 U
606~20-2	2,6-Dinitrotoluene	180 U
208-96-8	Acenaphthylene	180 U
99-09-2	3-Nitroaniline	350 U
83-32-9	Acenaphthene	180 U
51-28-5	2,4-Dinitrophenol	350 U
100-02-7	4-Nitrophenol	350 U

1C (e-form)

EPA SAMPLE NO.

H1YD1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	ataChem Laboratories, Inc. Contract	(BGH-SF(0.5)-65)
Lab Code: D	ATAC Case No.: 36335 SAS	No.: SDG No.: H1PX7
	water) SOIL	Lab Sample ID: 7122008006
Sample wt/vol:	30 (g/mL) g	Lab File ID:
Level: (low/me		Date Received: 05/01/2007
	4.7706 Decanted: (Y/N)	
		
	Extract Volume: (uL)	· · · · · · · · · · · · · · · · · · ·
Injection Volu	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH9	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
CAS NO.	COMPOUND	(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	1801 Ú
121-14-2	2.4-Dinitrotoluene	180 U
84-66-2	Diethylphthalate	28 J
86-73-7	Fluorene	180 U
7005-72-3	4-Chlorophenyl-phenylether	180 U
100-01-6	4-Nitroaniline	350 U
534-52-1	4,6-Dinitro-2-methylphenol	350 U
86-30-6	N-Nitrosodiphenylamine	180 U
95-94-3	1,2,4,5-Tetrachlorobenzene	180 U
101-55-3	4-Bromophenyl-phenylether	180 U
118-74-1	Hexachlorobenzene	180 0
1912-24-9	Atrazine	180 U
87-86-5	Pentachlorophenol	350 U
85-01-8	Phenanthrene	24 J
120-12-7	Anthracene	180 0
86-74-8	Carbazole	180 U
84-74-2	Di-n-butylphthalate	180 U
206-44-0	Fluoranthene	26 ј
129-00-0	Pyrene	29 J
85-68-7	Butylbenzylphthalate	180 U
91-94-1	3.3'-Dichlorobenzidine	180 U
56-55-3	Benzo (a) anthracene	16 J
218-01-9	Chrysene	15 J
117-81-7	Bis(2-ethylhexyl)phthalate	18 JB
117-84-0	Di-n-octylphthalate	180 U
205-99-2	Benzo(b) fluoranthene	27 J
207-08-9	Benzo(k)fluoranthene	16 ј
50-32-8	Benzo(a)pyrene	180 U
193-39-5	Indeno(1,2,3-cd)pyrene	180 U
53-70-3	Dibenzo(a,h)anthracene	180 U
191-24-2	Benzo(g,h,i)perylene	64 J
58-90-2	2,3,4,6-Tetrachlorophenol	180 U

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Case No.: 36335

Lab Code: DATAC

EPA SAMPLE NO.

SAS No.: SDG No.: H1PX7

Lab Name: DataChem Laboratories, Inc. Contract: (BGH	H1YD2 -SB(2)

Matrix: (soil/	water) SOIL	Lab Sample ID: 7122008007
Sample wt/vol:	30 (g/mL) <u>g</u>	Lab File ID:
Level: (low/me	d) LOW	Date Received: 05/01/2007
% Moisture:	13.692 Decanted: (Y/N)	Date Extracted:
Concentrated E	xtract Volume:(uL)	Date Analyzed: 5/17/2007
Injection Volu	me: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.9</u>	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	30 J
108-95-2	Phenol	200 U
111-44-4	Bis(2-chloroethyl)ether	200 U
95-57-8 95-48-7 108-60-1	2-Chlorophenol	200 U
95-48-7	2-Methylphenol	200 U
108-60-1	2,2'-Oxybis(1-chloropropane)	200 U
98-86-2 106-44-5 621-64-7	Acetophenone	14 J
106-44-5	4-Methylphenol	200 U
621-64-7	N-Nitroso-di-n-propylamine	200 U
67-72-1	Hexachloroethane	200] U
98-95-3	Nitrobenzene	200 U
78-59-1	Isophorone	200 U
88-75-5	2-Nitrophenol	200 Ü
105-67-9	2,4-Dimethylphenol	200 U
111-91-1	Bis(2-chloroethoxy)methane	200 U
120-83-2	2,4-Dichlorophenol	200 U
91-20-3	Naphthalene	12 J
106-47-8	4-Chloroaniline	200 Ū
87-68-3	Hexachlorobutadiene	.200 U
105-60-2	Caprolactam	200 U
59-50-7	4-Chloro-3-methylphenol	200 U
91-57-6	2-Methylnaphthalene	16 J
77-47-4	Hexachlorocyclopentadiene	200 U
88-06-2	2,4,6-Trichlorophenol	200 U
95-95-4	2,4,5-Trichlorophenol	200 U
92-52-4	1,1'-Biphenyl	200 U
91-58-7	2-Chloronaphthalene	380 U
88-74-4	2-Nitroaniline	380 U
131-11-3	Dimethylphthalate	200 0
606-20-2	2,6-Dinitrotoluene	200 U
208-96-8	Acenaphthylene 3-Nitroaniline	380 U
99-09-2 83-32-9	Acenaphthene	200 U
51-28-5	2,4-Dinitrophenol	380 U
100-02-7	4-Nitrophenol	380 U
1 100-02-1	a urcrobuenor	553 5

Form I SV-69 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem Laboratories, Inc. Contract	: H1YD2 (BGH-SB(2)-65)
Lab Code: DATAC Case No.: 36335 SAS	No.: SDG No.: H1PX7
Matrix: (soil/water) SOIL	Lab Sample ID: 7122008007
Sample wt/vol: 30 (g/mL) g	Lab File ID:
Level: (low/med) LOW	Date Received: 05/01/2007
% Moisture: 13.692 Decanted: (Y/N)	Date Extracted:
Concentrated Extract Volume: (uL)	Date Analyzed: 5/17/2007
Injection Volume: (uL)	Dilution Factor: 1
GPC Cleanup: (Y/N) pH8.9	Extraction: (Type)
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q

132-64-9	Dibenzofuran	200 U
121-14-2	2,4-Dinitrotoluene	200 U
84-66-2	Diethylphthalate	20 J
86-73-7	Fluorene	200 U
7005-72-3	4-Chlorophenyl-phenylether	200 U
100-01-6	4-Nitroaniline	380 U
534-52-1	4,6-Dinitro-2-methylphenol	380 U
86-30-6	N-Nitrosodiphenylamine	200 U
95-94-3	1,2,4,5-Tetrachlorobenzene	200 U
101-55-3	4-Bromophenyl-phenylether	200 U
118-74-1	Hexachlorobenzene	200 U
1912-24-9	Atrazine	200 U
87-86-5	Pentachlorophenol	380 U
85-01-8	Phenanthrene	14 J
120-12-7	Anthracene	200 U
86-74-8	Carbazole	200 U
84-74-2	Di-n-butylphthalate	200 U
206-44-0	Fluoranthene	13 J
129-00-0	Pyrene	95 J
85-68-7	Butylbenzylphthalate	200 U
91-94-1	3,3'-Dichlorobenzidine	200 U
56-55-3	Benzo (a) anthracene	23 J
218-01-9	Chrysene	42 J
117-81-7	Bis(2-ethylhexyl)phthalate	44 JB
117-84-0	Di-n-octylphthalate	200 U
205-99-2	Benzo(b)fluoranthene	61 J
207-08-9	Benzo(k) fluoranthene	14 J
50-32-8	Benzo (a) pyrene	75 J
193-39-5	Indeno(1,2,3-cd)pyrene	78 J
53-70-3	Dibenzo(a,h)anthracene	31 J
191-24-2	Benzo(g,h,i)perylene	260
58-90-2	2,3,4,6-Tetrachlorophenol	200 U

EPA SAMPLE NO.

	SEMIVOLATILE	ORGANICS	ANALYSIS	DATA	SHEET
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			H1YD3 (BGH-SF(0.5)-67)
-	DataChem Laboratories, Inc. Cont		
Lab Code: _	DATAC Case No.: 36335	SAS No.:	SDG No.: H1PX7
Matrix: (soi	l/water) SOIL	Lab Sample ID	7122008008
Sample wt/vo	1: 30 (g/mL) g	Lab File ID:	<u> </u>
Level: (low/	med) LOW	Date Received	05/01/2007
% Moisture:	9.9315 Decanted: (Y/N)	_ Date Extracted	d:
Concentrated	Extract Volume:(uL)	Date Analyzed	5/15/2007
Injection Vo	lume:(uL)	Dilution Facto	or: <u>1</u>
GPC Cleanup:	(Y/N) pH <u>8.5</u>	Extraction:	(Type)
CAS NO.	COMPOUND	CONCENTRATI	ON UNITS:
		(ug/L or ug	/Kg) ug/kg Q
100-52-7	Benzaldehyde		41 J
108-95-2	Phenol	·	190 0
111-44-4	Bis(2-chloroethyl)ether		190 U
95-57-8	2-Chlorophenol		190 0
95-48-7	2-Methylphenol		190 0
108-60-1	2,2'-Oxybis(1-chloropropane)	-	190 U
98-86-2	Acetophenone		18 J
106-44-5	4-Methylphenol		190 U
621-64-7	N-Nitroso-di-n-propylamine		190 U
67-72-1	Hexachloroethane		190 U
98-95-3	Nitrobenzene		190 0
78-59-1	Isophorone		190 U
88-75-5	2-Nitrophenol		190 0
105-67-9	2,4-Dimethylphenol		190 U
111-91-1	Bis (2-chloroethoxy) methane		190 U
120-83-2	2,4-Dichlorophenol		190 U
91-20-3	Naphthalene		8.8 J
106-47-8	4-Chloroaniline		
87-68-3	Hexachlorobutadiene		190 U
105-60-2	Caprolactam		190 U
59-50-7 91-57-6	4-Chloro-3-methylphenol 2-Methylnaphthalene		190 U 190 U
77-47-4	Hexachlorocyclopentadiene		
			190 U
88-06-2 95-95-4	2,4,6-Trichlorophenol		190 U
92-52-4	2,4,5-Trichlorophenol		190 U
91-58-7	2-Chloronaphthalene	_ 	190 U
88-74-4	2-Nitroaniline		370 U
131-11-3	Dimethylphthalate		190 U
606-20-2	2,6-Dinitrotoluene	<u>`</u>	190 U
208-96-8	Acenaphthylene		190 U
99-09-2			370 U
83-32-9	3-Nitroaniline Acenaphthene		190 U
51-28-5	2,4-Dinitrophenol		370 U
100-02-7	4-Nitrophenol		370 0
100-02-1	4-MICLODISHOT	1	ן טן טוע נ

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

		H1YD3 (BGH-SF(0.5)-67)
Lab Name: D	ataChem Laboratories, Inc. Cont	ract: (BGR-SF(0.37-07)
Lab Code: D	ATAC Case No.: 36335	SAS No.: SDG No.: H1PX7
Matrix: (soil/	water) SOIL	Lab Sample ID: 7122008008
Sample wt/vol:	30 (g/mL) <u>g</u>	Lab File ID:
Level: (low/me	d) LOW	Date Received: 05/01/2007
% Moisture:	9.9315 Decanted: (Y/N)	Date Extracted:
Concentrated E	extract Volume:(uL)	Date Analyzed: 5/15/2007
Injection Volu	me: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.5</u>	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) <u>ug/kg</u> Q
132-64-9	Dibenzofuran	190 0
121-14-2	2,4-Dinitrotoluene	190 0
84-66-2	Diethylphthalate	190 U
86-73-7	Fluorene	190 U
7005-72-3	4-Chlorophenyl-phenylether	190 U
		370 U
100-01-6	4-Nitroaniline	
534-52-1	4,6-Dinitro-2-methylphenol	370 U 190 U
86-30-6	N-Nitrosodiphenylamine	
95-94-3	1,2,4,5-Tetrachlorobenzene	190 U
101-55-3	4-Bromophenyl-phenylether	190 U
118-74-1	Hexachlorobenzene	190 0
1912-24-9	Atrazine	190 ປ
87-86-5	Pentachlorophenol	370 U
85-01-8	Phenanthrene	190 U
120-12-7	Anthracene	190 U
86-74-8	Carbazole	190 ປ
84-74-2	Di-n-butylphthalate	190 Ū
206-44-0	Fluoranthene	190 U
129-00-0	Pyrene	190 U
85-68-7	Butylbenzylphthalate	190 U
91-94-1	3,3'-Dichlorobenzidine	190 U
56-55-3	Benzo(a)anthracene	190 U
218-01-9	Chrysene	190 U
117-81-7	Bis(2-ethylhexyl)phthalate	23 JB
117-84-0	Di-n-octylphthalate	190 U
205-99-2	Benzo(b)fluoranthene	190 U
207-08-9	Benzo(k)fluoranthene	190 U
50-32-8	Benzo(a) pyrene	190 U
193-39-5	Indeno(1,2,3-cd)pyrene	190 U
53-70-3	Dibenzo(a,h)anthracene	190 U
191-24-2	Benzo(g,h,i)perylene	190 U
58-90-2	2,3,4,6-Tetrachlorophenol	190 U

100-02-7

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YD4

Lab Name:

Lab Name:	DataChem Laboratories, Inc. Cont	ract: (BGH-SB(2)-67)
_		SAS No.: SDG No.: H1PX7
Matrix: (soil	/water) SOIL	Lab Sample ID:7122008009
Sample wt/vol	: <u>30</u> (g/mL) <u>g</u>	Lab File ID:
Level: (low/m	ed) LOW	Date Received: 05/01/2007
% Moisture:	8.1996 Decanted: (Y/N)	Date Extracted:
	Extract Volume:(uL)	Date Analyzed: 5/15/2007
Injection Vol	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH9.4	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	
108-95-2	Phenol	190 U
111-44-4	Bis(2-chloroethyl)ether	190 U
95-57-8	2-Chlorophenol	190 U
95-48-7	2-Methylphenol	190 0
108-60-1	2,2'-Oxybis(1-chloropropane)	190 U
98-86-2	Acetophenone	13 J
106-44-5	4-Methylphenol	190 U
621-64-7	N-Nitroso-di-n-propylamine	190 U
67-72-1	Hexachloroethane	190 U
98-95-3	Nitrobenzene	190 U
78-59-1	Isophorone	190 U
88-75-5	2-Nitrophenol	190 U
105-67-9	2,4-Dimethylphenol	190 U
111-91-1	Bis(2-chloroethoxy)methane	190 U
120-83-2	2,4-Dichlorophenol	190 U
91-20-3	Naphthalene	190 Ü
106-47-8	4-Chloroaniline	190 U
87-68-3	Hexachlorobutadiene	190 U
105-60-2	Caprolactam	190 U
59-50-7	4-Chloro-3-methylphenol	. 190 U
91-57-6	2-Methylnaphthalene	190 U
77-47-4	Hexachlorocyclopentadiene	190 U
88-06-2	2,4,6-Trichlorophenol	190 U
95-95-4	2,4,5-Trichlorophenol	190 U
92-52-4	1,1'-Biphenyl	190 U
91-58-7	2-Chloronaphthalene	190 U
88-74-4	2-Nitroaniline	360 U
131-11-3	Dimethylphthalate	190 0
606-20-2	2,6-Dinitrotoluene	190 U
208-96-8	Acenaphthylene	190 U
99-09-2	3-Nitroaniline	360 U
83-32-9	Acenaphthene	190 0
51-28-5	2,4-Dinitrophenol	360 U
100-02-7	4-Nitrophenol	360 U

Form I SV-75 (e-form)

1C (e-form)
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YD4

DataChem Laboratories, Inc. Contract: (BGH-SB(2)-67)

Lab Code: _ E	DATAC Case No.: 36335	SAS No.: SDG No.: H1PX7
Matrix: (soil	/water) SOIL	Lab Sample ID:7122008009
Sample wt/vol:	30 (g/mL) <u>g</u>	Lab File ID:
Level: (low/me		Date Received: 05/01/2007
% Moisture:	8.1996 Decanted: (Y/N)	Date Extracted:
Concentrated F	Extract Volume:(uL)	Date Analyzed: <u>5/15/2007</u>
Injection Volume: {uL} Dilution Factor: 1		Dilution Factor: 1
GPC Cleanup:	(Y/N) pH9.4	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	190 U
121-14-2	2,4-Dinitrotoluene	190 U
84-66-2	Diethylphthalate	190 U
86-73-7	Fluorene	190 U
7005-72-3	4-Chlorophenyl-phenylether	190 U
100-01-6	4-Nitroaniline	360 U
534-52-1	4,6-Dinitro-2-methylphenol	360 U
86-30-6	N-Nitrosodiphenylamine	190 U
95-94-3	1,2,4,5-Tetrachlorobenzene	190 U
101-55-3	4-Bromophenyl-phenylether	190 U
118-74-1	Hexachlorobenzene	190 U
1912-24-9	Atrazine	ט 190
87-86-5	Pentachlorophenol	360 U
85-01-8	Phenanthrene	190 U
120-12-7	Anthracene	190 U
86-74-8	Carbazole	190 U
84-74-2	Di-n-butylphthalate	190 U
206-44-0	Fluoranthene	190 U
129-00-0	Pyrene	190 U
85-68-7	Butylbenzylphthalate	190 U
91-94-1	3,3'-Dichlorobenzidine	190 U
56-55-3	Benzo(a)anthracene	190 U
218-01-9	Chrysene	190 U
117-81-7	Bis(2-ethylhexyl)phthalate	25 JB
117-84-0	Di-n-octylphthalate	190 U
205-99-2	Benzo(b)fluoranthene	190 U
207-08-9	Benzo(k)fluoranthene	190 0
50-32-8	Benzo(a)pyrene	190 U
193-39-5	Indeno(1,2,3-cd)pyrene	190 U
53-70-3	Dibenzo(a,h)anthracene	190 U
191-24-2	Benzo(g,h,i)perylene	190 U
58-90-2	2,3,4,6-Tetrachlorophenol	190 0

EPA SAMPLE NO. SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem Laboratories, Inc. Cont	ract:(BGH-SF(0.5)-55)
Lab Code: DA	ATAC Case No.: 36335	SAS No.: SDG No.: H1PT8
Matrix: (soil	/water) SOIL	Lab Sample ID:7122013001
Sample wt/vol	: <u>30</u> (g/mL) <u>g</u>	Lab File ID:
Level: (low/me	ed) LOW	Date Received: 5/1/2007
% Moisture:	3.7182 Decanted: (Y/N)	Date Extracted:
Concentrated 1	Extract Volume:(uL)	Date Analyzed: 5/17/2007
Injection Volu	ume:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH9.2	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	32 J
108-95-2	Phenol	180U
111-44-4	Bis(2-chloroethyl)ether	180 U
95-57-8	2-Chlorophenol	180 U
95-48-7	2-Methylphenol	180 U
108-60-1	2,2'-Oxybis(1-chloropropane)	1800
98-86-2	Acetophenone	1117
106-44-5	4-Methylphenol	
621-64-7	N-Nitroso-di-n-propylamine	1800
67-72-1	Hexachloroethane	180U
98-95-3	Nitrobenzene	1800
78-59-1	Isophorone	1800
88-75-5	2-Nitrophenol	180 Ü
105-67-9	2.4-Dimethylphenol	180 U
111-91-1	Bis(2-chloroethoxy)methane	180 U
120-83-2	2,4-Dichlorophenol	180 U
91-20-3	Naphthalene	180 U
106-47-8	4-Chloroaniline	180 0
87-68-3	Hexachlorobutadiene	1800
105-60-2	Caprolactam	180 U
59-50-7	4-Chloro-3-methylphenol	- 180U
91-57-6	2-Methylnaphthalene	180U
77-47-4	Hexachlorocyclopentadiene	180 U
88-06-2	2,4,6-Trichlorophenol	1800
93-95-4	2.4.5-Trichlorophenol	180 U
92-52-4	1,1'-Biphenyl	180 U
91-58-7	2-Chloronaphthalene	180 U
88-74-4	2-Nitroaniline	340 U
131-11-3	Dimethylphthalate	1800
606-20-2	2,6-Dinitrotoluene	180 U
208-96-8	Acenaphthylene	180 U
99-09-2	3-Nitroaniline	340 U
83-32-9	Acenaphthene	180 U
51-28-5	2.4-Dinitrophenol	340 U
100-02-7	4-Nitrophenol	340 U

Form I SV-109 (e-form)

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

H1YD6 (BGH-SF(0.5)-55) Lab Name: DataChem Laboratories, Inc. Contract: Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PT8 SOIL Matrix: (soil/water) Lab Sample ID: 7122013001 Sample wt/vol: 30 (g/mL) g Lab File ID: Level: (low/med) LOW Date Received: 5/1/2007 % Moisture: 3.7182 Decanted: (Y/N) Date Extracted: Concentrated Extract Volume: Date Analyzed: 5/17/2007 Injection Volume: (uL) Dilution Factor: GPC Cleanup: (Y/N) рн <u>9.2</u> Extraction: (Type) CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg

		(aging or aging) aging	- ×
132-64-9	Dibenzofuran	180	U
121-14-2	2,4-Dinitrotoluene	180	U
84-66-2	Diethylphthalate	30	J
86-73-7	Fluorene	180	Ū
7005-72-3	4-Chlorophenyl-phenylether	180	Ū
100-01-6	4-Nitroaniline	340	Ū
534-52-1	4,6-Dinitro-2-methylphenol	340	Ū
86-30-6	N-Nitrosodiphenylamine	180	
95-94-3	1,2,4,5-Tetrachlorobenzene	180	Ū
101-55-3	4-Bromophenyl-phenylether	180	Ū
118-74-1	Hexachlorobenzene	180	Ū
1912-24-9	Atrazine	180	Ū
87-86-5	Pentachlorophenol	340	Ū.
85-01-8	Phenanthrene	120	J
120-12-7	Anthracene	41	J
86-74-8	Carbazole	180	Ū
84-74-2	Di-n-butylphthalate	180	Ū
206-44-0	Fluoranthene	56	J
129-00-0	Pyrene	1800	
85-68-7	Butylbenzylphthalate	180	Ü
91-94-1	3,3'-Dichlorobenzidine	180	Ū
56-55-3	Benzo(a)anthracene	180	Ū
218-01-9	Chrysene	610	
117-81-7	Bis(2-ethylhexyl)phthalate	180	Ù
117-84-0	Di-n-octylphthalate	180	Ũ
205-99-2	Benzo(b)fluoranthene	130	J
207-08-9	Benzo(k)fluoranthene	190	
50-32-8	Benzo(a)pyrene	520	
193-39-5	Indeno(1,2,3-cd)pyrene	330	
53-70-3	Dibenzo(a,h)anthracene	100	J
191-24-2	Benzo(g,h,i)perylene	1200	r—
58-90-2	2,3,4,6-Tetrachlorophenol	180	Ū

H1YD6

EPA SAMPLE NO.

SEMINOLATILE	OPCANTOS	DIDY.IAMA	מדגמ	сивет

H1YD7 (BGH-SB(2)-55)

ab Name: DataChem L	aboratories,	Inc.	Contract	• _		(BGH=SB)	21-331
ab Code: DATAC	Case No.:	36335	SAS	No.:		SDG No.: 1	11PT8
Matrix: (soil/water)	SOIL	_		Lab	Sample ID:	712201	3002
Sample wt/vol: 30	(g/mL) g	_		Lab	File ID:		
evel: (low/med) LOW				Date	Received:	5/1/200	<u> </u>
Moisture: 5.7884	Decanted:	(Y/N)		Date	Extracted	l:	
Concentrated Extract V	olume:	(ui	L)	Date	Analyzed:	5/15/200)7
njection Volume:	(uL)		Dilu	tion Facto	or: <u>1</u>	_
SPC Cleanup: (Y/N)		рН _9	. 2	Extr	action:	(Type)	
CAS NO. COMPOU	JND			C	ONCENTRATIO	ON UNITS:	

CHO NO.	com com	concentialion online.
		(ug/L or ug/Kg) ug/kg Q
100-52-7	Benzaldehyde	36JJ
108-95-2	Pheno1	180 0
111-44-4	Bis(2-chloroethyl)ether	1800
95-57-8	2-Chlorophenol	180 U
95-48-7	2-Methylphenol	180 U
108-60-1	2,2'-Oxybis(1-chloropropane)	180 0
98-86-2	Acetophenone	15 J
106-44-5	4-Methylphenol	180 Ü
621-64-7	N-Nitroso-di-n-propylamine	180 U
67-72-1	Hexachloroethane	180 0
98-95-3	Nitrobenzene	180 U
78-59-1	Isophorone	180 U
88-75-5	2-Nitrophenol	180 U
105-67-9	2,4-Dimethylphenol	180 U
111-91-1	Bis(2-chloroethoxy)methane	180 U
120-83-2	2,4-Dichlorophenol	180 U
91-20-3	Naphthalene	180 0
106-47-8	4-Chloroaniline	180 U
87-68-3	Hexachlorobutadiene	180 U
105-60-2	Caprolactam	180 U
59-50-7	4-Chloro-3-methylphenol	180 U
91-57-6	2-Methylnaphthalene	180 0
77-47-4	Hexachlorocyclopentadiene	180 0
88-06-2	2,4,6-Trichlorophenol	180 U
95-95-4	2,4,5-Trichlorophenol	180 U
92-52-4	1,1'-Biphenyl	180 0
91-58-7	2-Chloronaphthalene	180 U
88-74-4	2-Nitroaniline	350 U
131-11-3	Dimethylphthalate	180 U
606-20-2	2,6-Dinitrotoluene	180 0
208-96-8	Acenaphthylene	180U
99-09-2	3-Nitroaniline	350 U
83-32-9	Acenaphthene	180 U
51-28-5	2,4-Dinitrophenol	350ju
100-02-7	[4-Nitropheno]	350lu

Form I SV-63 (e-form)

OLM04.2

1C (e-form) SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem Laboratories, Inc. Contract:	H1YD7 (BGH-SB(2)-55)
Lab Code: DATAC Case No.: 36335 SAS No.:	SDG No.: H1PT8
Matrix: (soil/water) SOIL Lab S	Sample ID: 7122013002
Sample wt/vol: 30 (g/mL) g Lab F	Pile ID:
Level: (low/med) LOW Date	Received: 5/1/2007
% Moisture: 5.7884 Decanted: (Y/N) Date	Extracted:
Concentrated Extract Volume:(uL) Date	Analyzed: <u>5/15/2007</u>
Injection Volume:(uL) Dilut	ion Factor: 1
GPC Cleanup: (Y/N) pH 9.2 Extra	ction: (Type)
C. D. 110.	NCENTRATION UNITS:

CAS NO.	COMPOUND	CONCENTRATION UNITS:		
		(ug/L or ug/Kg) ug/kg Q		
132-64-9	Dibenzofuran	180 U		
121-14-2	2,4-Dinitrotoluene	1800		
84-66-2	Diethylphthalate	180 U		
86-73-7	Fluorene	180 U		
7005-72-3	4-Chlorophenyl-phenylether	180 0		
100-01-6	4-Nitroaniline	350 U		
534-52-1	4,6-Dinitro-2-methylphenol	350 U		
86-30-6	N-Nitrosodiphenylamine	180 U		
95-94-3	1,2,4,5-Tetrachlorobenzene	180 U		
101-55-3	4-Bromophenyl-phenylether	180 U		
118-74-1	Hexachlorobenzene	180 0		
1912-24-9	Atrazine	180 0		
87-86-5	Pentachlorophenol	350 U		
85-01-8	Phenanthrene	180 U		
120-12-7	Anthracene	180 U		
86-74-8	Carbazole	180 0		
84-74-2	Di-n-butylphthalate	180 U		
206-44-0	Fluoranthene	180 U		
129-00-0	Pyrene	1800		
85-68-7	Butylbenzylphthalate	180 U		
91-94-1	3,3'-Dichlorobenzidine	180 U		
56-55-3	Benzo(a) anthracene	180 U		
218-01-9	Chrysene	180 U		
117-81-7	Bis(2-ethylhexyl)phthalate	26 јв		
117-84-0	Di-n-octylphthalate	180 U		
205-99-2	Benzo(b)fluoranthene	180 0		
207-08-9	Benzo(k)fluoranthene	180 U		
50-32-8	Benzo(a)pyrene	180 U		
193-39-5	Indeno(1,2,3-cd)pyrene	180 U		
53-70-3	Dibenzo(a,h)anthracene	180 0		
191-24-2	Benzo(g,h,i)perylene	180 0		
58-90-2	2,3,4,6-Tetrachlorophenol	180 U		

EPA SAMPLE NO.

SEMIVOLATILE (ORGANICS	ANALYSIS	DATA	SHEET
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H1YD8 (BGH-SS(20)-55) Lab Name: DataChem Laboratories, Inc. Contract: SAS No.: SDG No.: H1PT8 Lab Code: DATAC Case No.: 36335 Lab Sample ID: 7122013003 Matrix: (soil/water) SOIL (g/mL) g Lab File ID: Sample wt/vol: 30 Date Received: 5/1/2007 Level: (low/med) LOW % Moisture: 25.114 Decanted: (Y/N) Date Extracted: Date Analyzed: 5/15/2007 Concentrated Extract Volume: (uL) Injection Volume: (uL) Dilution Factor: GPC Cleanup: (Y/N) pH 8.9 Extraction: (Type) CONCENTRATION UNITS: CAS NO. COMPOUND (ug/L or ug/Kg) ug/kg Benzaldehyde 100-52-7 230 U 108-95-2 Phenol 230 U 111-44-4 Bis(2-chloroethyl)ether 2-Chlorophenol 230 U 95-57-8 230 U 95-48-7 2-Methylphenol 108-60-1 2,2'-Oxybis(1-chloropropane) 230 U 20 J 98-86-2 Acetophenone 106-44-5 4-Methylphenol 230 U 230 U 621-64-7 N-Nitroso-di-n-propylamine 67-72-1 Hexachloroethane 230 U 98-95-3 230 U Nitrobenzene 78-59-1 Isophorone 230 U 2-Nitrophenol 230 U 88-75-5 2,4-Dimethylphenol 230 U 105-67-9 111-91-1 Bis(2-chloroethoxy)methane 230 U 2,4-Dichlorophenol 120-83-2 230 U 91-20-3 Naphthalene 230 U 106-47-8 4-Chloroaniline 230 U 87-68-3 Hexachlorobutadiene 230 U 230 U 105-60-2 Caprolactam 59-50-7 230 0 4-Chloro-3-methylphenol 91-57-6 2-Methylnaphthalene 230 U 77-47-4 Hexachlorocyclopentadiene 230 U 2,4,6-Trichlorophenol 2,4,5-Trichlorophenol 230 U 88-06-2 95-95-4 230 U 230 U 92-52-4 1,1'-Biphenyl 91-58-7 2-Chloronaphthalene 230 88-74-4 2-Nitroaniline 440 U 131-11-3 Dimethylphthalate 230 U 230 U 606-20-2 2,6-Dinitrotoluene 230 0 208-96-8 Acenaphthylene

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Da	staChem Laboratories, Inc. Cont	ract: (BGH-SS(20)-55)
Lab Code: DA	TAC Case No.: 36335	SAS No.: SDG No.: H1PT8
Matrix: (soil,	/water) <u>SOIL</u>	Lab Sample ID: 7122013003
	: 30 (g/mL) g	Lab File ID:
Level: (low/me		Date Received: 5/1/2007
	25.114 Decanted: (Y/N)	• ———
		Date Analyzed: 5/15/2007
		
	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.9</u>	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
0.10	00112 00112	(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	230]U
121-14-2	2,4-Dinitrotoluene	230 U
84-66-2	Diethylphthalate	230U
86-73-7	Fluorene	230 U
7005-72-3	4-Chlorophenyl-phenylether	2300
100-01-6	4-Nitroaniline	440U
534-52-1	4,6-Dinitro-2-methylphenol	4400
86-30-6	N-Nitrosodiphenylamine	230 U
95-94-3	1,2,4,5-Tetrachlorobenzene	230 U
101-55-3	4-Bromophenyl-phenylether	2300
118-74-1	Hexachlorobenzene	2300
1912-24-9	Atrazine	2300
87-86-5	Pentachlorophenol	440 U
85-01-8	Phenanthrene	23010
120-12-7	Anthracene	2300
86-74-8	Carbazole	23010
84-74-2	Di-n-butylphthalate	23010
206-44-0	Fluoranthene	2300
129-00-0	Pyrene	230 0
85-68-7	Butylbenzylphthalate	230 U
91-94-1	3,3'-Dichlorobenzidine	230 U
56-55-3	Benzo(a) anthracene	230 U
218-01-9	Chrysene	230 U
117-81-7	Bis(2-ethylhexyl)phthalate	23 JB
117-84-0	Di-n-octylphthalate	23 UB 230 U
205-99-2	Benzo(b) fluoranthene	230 U
207-08-9	Benzo(k) fluoranthene	230 U
50-32-8	Benzo(a) pyrene	230 U
193-39-5	Indeno(1,2,3-cd)pyrene	230 0
53-70-3	Dibenzo(a,h)anthracene	230 U
191-24-2	Benzo(g,h,i)perylene	230 U
58-90-2	2,3,4,6-Tetrachlorophenol	230 U
		25010

99-09-2

83-32-9

51-28-5

100-02-7

3-Nitroaniline

2,4-Dinitrophenol

Acenaphthene

4-Nitrophenol

440 U

440 U

EPA SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

			H1YD9 (BGH-SS(35)-55)
	DataChem Laboratories, Inc. C		
Lab Code:	DATAC Case No.: 36335	SAS No.:	SDG No.: <u>H1PT8</u>
Matrix: (so	oil/water) SOIL	Lab Sample ID	: 7122013004
Sample wt/v	rol: 30 (g/mL) g	Lab File ID:	
Level: (low	v/med) LOW	Date Received	: 5/1/2007
% Moisture:	6.9721 Decanted: (Y/N)	Date Extracte	d:
Concentrate	ed Extract Volume:(uL) Date Analyzed	: 5/15/2007
Injection V	/olume:(uL)	Dilution Fact	or: <u>1</u>
GPC Cleanup	o: (Y/N) pH _9.:	Extraction:	(Type)
CAS NO.	COMPOUND	CONCENTRATI	ON UNITS:
		(ug/L or ug	/Kg) ug/kg Q
100-52-7	Benzaldehyde	1	42 J
108-95-2	Phenol		180 0
111-44-4	Bis(2-chloroethyl)ether		180 U
95-57-8	2-Chlorophenol		180 U
95-48-7	2-Methylphenol		180 U
108-60-1	2,2'-Oxybis(1-chloropropane)		180 U
98-86-2	Acetophenone		180 U
106-44-5	4-Methylphenol		1800
621-64-7	N-Nitroso-di-n-propylamine		1800
67-72-1	Hexachloroethane		180 U
98-95-3	Nitrobenzene		180 0
78-59-1			180 0
	Isophorone		180 0
88-75-5	2-Nitrophenol		1800
105-67-9	2,4-Dimethylphenol		
111-91-1	Bis(2-chloroethoxy)methane		180 U
120-83-2	2.4-Dichlorophenol		180 U
91-20-3	Naphthalene		7.9J
106-47-8	4-Chloroaniline		180 U
87-68-3	Hexachlorobutadiene		1800
105-60-2	Caprolactam		180 U
59-50-7	4-Chloro-3-methylphenol		180 0
91-57-6	2-Methylnaphthalene		180U
77-47-4	Hexachlorocyclopentadiene		180 0
88-06-2	2,4,6-Trichlorophenol		180 U
95-95-4	2,4,5-Trichlorophenol		180 0
92-52-4	1,1'-Biphenyl		180 0
91-58-7	2-Chloronaphthalene		180 U
88-74-4	2-Nitroaniline		350 U
131-11-3	Dimethylphthalate		180 U
606-20-2	2,6-Dinitrotoluene		180 U
208-96-8	Acenaphthylene		180 U
99-09-2	3-Nitroaniline		350 U
83-32-9	Acenaphthene		180 U
51-28-5	2,4-Dinitrophenol		350 U
100-02-7	4-Nitrophenol		350 U

1C (e-form)

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem Laboratories, Inc. Contract	(BGH-SS(35)-55)
Lab Code: DA	ATAC Case No.: 36335 SAS	No.: SDG No.: H1PT8
Matrix: (soil	/water) SOIL	Lab Sample ID:7122013004
Sample wt/vol:	: 30 (g/mL) g	Lab File ID:
Level: (low/me	ed) LOW	Date Received: 5/1/2007
% Moisture:	6.9721 Decanted: (Y/N)	Date Extracted:
Concentrated I	Extract Volume:(uL)	Date Analyzed: 5/15/2007
Injection Volu	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH 9.1	Extraction: (Type)
CAS NO.	COMPOUND	CONCENTRATION UNITS:
_		(ug/L or ug/Kg) ug/kg Q
132-64-9	Dibenzofuran	1800
121-14-2	2,4-Dinitrotoluene	180 0
84-66-2	Diethylphthalate	180 U
86-73-7	Fluorene	1800
7005-72-3	4-Chlorophenyl-phenylether	1800
100-01-6	4-Nitroaniline	350 0
534-52-1	4,6-Dinitro-2-methylphenol	350 U
86-30-6	N-Nitrosodiphenylamine	180 U
95-94-3	1,2,4,5-Tetrachlorobenzene	1800
101-55-3	4-Bromophenyl-phenylether	180 U
118-74-1	Hexachlorobenzene	180 U
1912-24-9	Atrazine	180 0
87-86-5	Pentachlorophenol	350 U
85-01-8	Phenanthrene	1800
120-12-7	Anthracene	180 U
86-74-8	Carbazole	180 0
84-74-2	Di-n-butylphthalate	7.3 J
206-44-0	Fluoranthene	1800
129-00-0	Pyrene	1800
85-68-7	Butylbenzylphthalate	1800
91-94-1	3,3'-Dichlorobenzidine	1800
56-55-3	Benzo(a)anthracene	180 0
218-01-9	Chrysene	1800
117-81-7	Bis(2-ethylhexyl)phthalate	23 JB
117-84-0	Di-n-octylphthalate	180U
205-99-2	Benzo(b)fluoranthene	180 U
207-08-9	Benzo(k)fluoranthene	180U
50-32-8	Benzo(a) pyrene	1800
193-39-5	Indeno(1,2,3-cd)pyrene	1800
53-70-3	Dibenzo(a,h)anthracene	1800
191-24-2	Benzo(g,h,i)perylene	1800
58-90-2	2,3,4,6-Tetrachlorophenol	180 0

Bushnell General Hospital Un-validated Data

(data was not validated as per EPA Project Manager's instructions)

Organic Results (PCB/Pesticides)

Soil Samples

EPA SAMPLE NO.

							H1PT	
Lab Name:	DataChem La	boratories,	Inc.	Contrac	:t:	L	(BGH-SB(2	,~30)
Lab Code:	DATAC	Case No.:	36335	SA	S No.: _	sdc	No.: <u>H</u> 1	PT8
Matrix: (soi	il/water)	SOIL	_		Lab Sai	mple ID: _	71150220	01
Sample wt/vo	o1: <u>30</u>	(g/mL) <u>g</u>	_		Lab Fi	le ID:		
% Moisture:	6.0514	Decanted:	(Y/N)		Date R	eceived:	4/25/2007	
Extraction:	(Type)				Date E	xtracted: _		
Concentrated	i Extract Vo	lume:	(uL)		-		
Injection Vo	olume:	(uL)			Diluti	on Factor:	1	
GPC Cleanup:	: · {Y/N}		pH _	7.1	Sulfur	Cleanup:		
CAS NO.	COMPOU	ND			CONC	ENTRATION 1	JNITS:	
					(ug/	L or ug/Kg	ug/kg	Q
12674-11-2	Aroclor-1	016					35	11
11104-28-2	Aroclor-1						35	
11141-16-5	Aroclor-1						35	
53469-21-9	Aroclor-1						35	
12672-29-6	Aroclor-1						35	
11097-69-1	Aroclor-1						35	
11096-82-5	Aroclor-1						35	
37324-23-5	Aroclor-1	.262					35	Ü
11100-14-4	Aroclor-1	268					35	Ü
319-84-6	alpha-BHC						1.8	Ü
319-85-7	beta-BHC						1.8	Ū
319-86-8	delta-BHO	;					1.8	U
58-89-9	gamma-BHC	(Lindane)					1.8	U
76-44-8	Heptachlo	or					1.8	υ
309-00-2	Aldrin						1.8	U
1024-57-3	Heptachlo	or epoxide					1.8	υ
959-98-8	Endosulfa	n I					1.8	U
60-57-1	Dieldrin						3.5	U
72-55-9	4,4'-DDE						3.5	บ
72-20-8	Endrin				$\Box \Box \Box$		3.5	บ
33213-65-9	Endosulfa	n II					3.5	
72-54-8	4,4'-DDD						3.5	
1031-07-8	Endosulfa	n sulfate				·	_3.5	U
50-29-3	4,4'-DDT						3.5	
72-43-5	Methoxych						18	_
53494-70-5	Endrin ke						3.5	
7421-93-4	Endrin al						3.5	
5103-71-9	alpha-Chl						1.8	
5103-74-2	gamma~Ch]	ordane					1.8	ט

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataCh	em Laboratories, Inc	. Contract:	H1PT8 (BGH-SB(2)-50)
Lab Code: DATAC	Case No.: 36	335 SAS No.	SDG No.: H1PT8
Matrix: (soil/wate	er) SOIL	Lab	Sample ID: 7115022001
Sample wt/vol: 3	0 (g/mL) <u>g</u>	Lab	File ID:
% Moisture: 6.0	514 Decanted: (Y	/N) Dat	e Received: 4/25/2007
Extraction: (Type	pe)	Dat	e Extracted:
Concentrated Extra	act Volume:	(uL) Dat	e Analyzed: 5/14/2007
Injection Volume:	(uL)	Dil	ution Factor: 1
GPC Cleanup:	(Y/N) pH	7.1 Sul	fur Cleanup:
CAS NO. C	OMPOUND		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
8001-35-2 Toxa	phene		180 U

EPA SAMPLE NO.

Lab Name: D	ataChem Lab	ooratories,	Inc.	Contr	act:		H1PT	
Lab Code: D	ATAC	Case No.:	36335	:	SAS No	.:	SDG No.: H3	PT8
Matríx: (soil	/water)	SOIL	_		La	ab Sample ID	71150220	002
Sample wt/vol	: 30	(g/mL) <u>g</u>	_		La	b File ID:		
% Moisture:	6.25	Decanted:	(Y/N)		Da	te Received	4/25/2007	
Extraction:	(Type)				Da	te Extracted	i:	
Concentrated	Extract Vol	lume:	(ı	ıL)		te Analyzed		
Injection Vol	ume:	(uL)			Di	lution Facto	or: 1	-
GPC Cleanup:	(Y/N)		рн _	7.1	Sນ	ılfur Cleanu	o:	
CAS NO.	COMPOUN	D				CONCENTRATI	ON UNITS:	
						(ug/L or ug	/Kg) ug/kg	Q
12674-11-2	Aroclor-1	016					35	Ū
11104-28-2	Aroclor-12	221					35	U
11141-16-5	Aroclor-12	232					35	Ū
53469-21-9	Aroclor-12	242					35	Ū
12672-29-6	Aroclor-12	248					35	Ü
11097-69-1	Aroclor-12	254					35	U
11096-82-5	Aroclor-12	260					35	U
37324-23-5	Aroclor-12	262					35	U
11100-14-4	Aroclor-12	268					35	
319-84-6	alpha-BHC					l	1.8	บ
319-85-7	beta-BHC					l ———	1.8	บ
319-86-8	delta-BHC						1.8	υ
58-89-9	gamma-BHC	(Lindane)					1.8	Ū
76-44-8	Heptachlo						1.8	U
309-00-2	Aldrin						0.044	
1024-57-3	Heptachlo	r epoxide					1.8	U
959-98-8	Endosulfar	n I					1.8	Ū
60-57-1	Dieldrin						3.5	υ
72-55-9	4,4'-DDE						3.5	U
72-20-8	Endrin						3.5	Ü
33213-65-9	Endosulfar	n II					3.5	U
72-54-8	4,4'-DDD						3.5	υ
1031-07-8	Endosulfar	n sulfate					3.5	U
50-29-3	4,4'-DDT						3.5	Ü
72-43-5	Methoxych	lor					18	U
53494-70-5	Endrin ke	tone					3.5	Ū
7421-93-4	Endrin ald	lehyde					3.5	U
5103-71-9	alpha-Chlo	ordane					1.8	U
5103-74-2	gamma-Chl	ordane					1.8	บ

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

Lab Name: Dat	taChem Lab	oratories,	Inc. Con	tract:	H1PT9 (BGH~SF(0.5)-50)
Lab Code: DAT	TAC	Case No.:	36335	SAS No.:	SDG No.: H1PT8
Matrix: (soil/v	water)	SOIL	_	Lab Sample ID:	7115022002
Sample wt/vol:	30	(g/mL) g	_	Lab File ID:	
% Moisture:	6.25	Decanted:	(Y/N) ·	Date Received:	4/25/2007
Extraction: ((Type)			Date Extracted	l:
Concentrated Ex	xtract Vol	.ume:	(uL)	Date Analyzed:	5/14/2007
Injection Volum	me:	(uL)		Dilution Facto	r: 1
GPC Cleanup:	(Y/N)		pH 7.1	Sulfur Cleanup	:
CAS NO.	COMPOUN	D		CONCENTRATIO	
8001-35-2	Toxaphene				180 U

Form I Pest (e-form)

EPA SAMPLE NO.

H1PW0

Lab Name: Da	taChem Laboratories, Inc	Contract:		(BGH-SS(20	1)-50)
	TAC _ Case No.: 363			SDG No.: H1	PT8
Matrix: (soil/	water) SOIL	Li	ab Sample ID:	71150220	03
Sample wt/vol:	30 (g/mL) g	Li	ab File ID:		
% Moisture:	3.6304 Decanted: (Y/	(N) Da	ate Received:	4/25/2007	_
	(Type)		ate Extracted		_
Concentrated F	Extract Volume:	(uL) Da	ate Analyzed:	5/14/2007	
Injection Volu	ame:(uL)	D:	ilution Facto	r: <u>1</u>	_
GPC Cleanup:	Hq PH	7.5 St	ulfur Cleanup): 	
CAS NO.	COMPOUND		CONCENTRATIO	ON UNITS: /Kg) ug/kg	Q
12674-11-2	Aroclor-1016		T	34	บ
11104-28-2	Aroclor-1221			34	
11141-16-5	Aroclor-1232			34	U
53469-21-9	Aroclor-1242			34	U
12672-29-6	Aroclor-1248			34	Ū
11097-69-1	Aroclor-1254		1	34	U
11096-82-5	Aroclor-1260			34	U
37324-23-5	Aroclor-1262			34	υ
11100-14-4	Aroclor-1268			34	U
319-84-6	alpha-BHC			1.8	Ū
319-85-7	beta-BHC			1.8	U
319-86-8	delta-BHC			_1.8	U
58-89-9	gamma-BHC (Lindane)			1.8	บ
76-44-8	Heptachlor		T	1.8	ַ ט
309-00-2	Aldrin			1.8	บ
1024-57-3	Heptachlor epoxide			1.8	U
959-98-8	Endosulfan I		1	1.8	ט
60-57-1	Dieldrin			3.4	U
72-55-9	4,4'-DDE			3.4	U
72-20-8	Endrin			3.4	U
33213-65-9	Endosulfan II			3.4	U
72-54-8	4,4'-DDD			3.4	U
1031-07-8	Endosulfan sulfate		l	3.4	
50-29-3	4,4'-DDT		L	3.4	
72-43-5	Methoxychlor		L	18	
53494-70-5	Endrin ketone		L	3.4	_
7421-93-4	Endrin aldehyde			3.4	
5103-71-9	alpha-Chlordane		L	1.8	
5103-74-2	gamma-Chlordane `			1.8	UU

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem I	aboratories,	Inc. Contra	H1PW0 (BGH-SS(20)-50)
Lab Code: DATAC	Case No.:	36335 S	AS No.: SDG No.: H1PT8
Matrix: (soil/water)	SOIL	_	Lab Sample ID: 7115022003
Sample wt/vol: 30	(g/mL) <u>g</u>	_	Lab File ID:
% Moisture: 3.6304	Decanted:	(Y/N)	Date Received: 4/25/2007
Extraction: (Type)			Date Extracted:
Concentrated Extract V	/olume:	(uL)	Date Analyzed: 5/14/2007
Injection Volume:	(uL)		Dilution Factor: 1
GPC Cleanup: (Y/N)		pH 7.5	Sulfur Cleanup:
CAS NO. COMPO	UND		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
8001-35-2 Toxapher	ne		180 U

EPA SAMPLE NO.

H1PW1

Lab Name: Da	taChem Laboratories, Inc. Contract:	(BGH-SS(162)-50)
_	TAC Case No.: 36335 SAS No.	SDG No.: H1PT8
Matrix: (soil/	water) SOIL I	ab Sample ID: 7116026001
Sample wt/vol:	30 (g/mL) <u>g</u>	ab File ID:
% Moisture:	19.668 Decanted: (Y/N)	Date Received: 4/26/2007
Extraction:	(Type)	Date Extracted:
Concentrated E	Extract Volume:(uL) I	Date Analyzed: 5/11/2007
Injection Volu	me:(uL)	Oilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8</u> S	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	41 U
11104-28-2	Aroclor-1221	41 U
11141-16-5	Aroclor-1232	41 U
53469-21-9	Aroclor-1242	41 U
12672-29-6	Aroclor-1248	41 U
11097-69-1	Aroclor-1254	41 U
11096-82-5	Aroclor-1260	41 U
37324-23-5	Aroclor-1262	41 U
11100-14-4	Aroclor-1268	41 U
319-84-6	alpha-BHC	2.1 U
319-85-7	beta-BHC	2.1 U
319-86-8	delta-BHC	2.1 U
58-89-9	gamma-BHC (Lindane)	2.1 U
76~44-8	Heptachlor	2.1 U
309-00-2	Aldrin	2.1 U
1024-57-3	Heptachlor epoxide	2.1 U
959-98-8	Endosulfan I	2.1 U
60-57-1	Dieldrin	4.1 U
72-55-9	4,4'-DDE	4.1 U
72-20-8	Endrin	4.1 U
33213-65-9	Endosulfan II	4.1 U
72-54-8	4,4'-DDD	4.1 U
1031-07-8	Endosulfan sulfate	4.1 U
50-29-3	4,4'-DDT	4.1 U
72-43-5	Methoxychlor	0.33 JP
53494-70-5	Endrin ketone	4.1 U
7421-93-4	Endrin aldehyde	4.1 U
5103-71-9	alpha-Chlordane	2.1U
5103-74-2	gamma-Chlordane	2.1 U

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	taChem La	boratories,	Inc.	Contra	act:		H1PW1 (BGH-SS(162)-50)
Lab Code: DA	TAC	Case No.:	36335	s	SAS No.	:	SDG No.: H1PT8
Matrix: (soil/	water)	SOIL	_		Lal	b Sample ID	: 7116026001
Sample wt/vol:	30	(g/mL) g	_		Lal	b File ID:	
% Moisture:	19.668	Decanted:	(Y/N)		Da	te Received	: 4/26/2007
Extraction:	(Type)				Da	te Extracte	d:
Concentrated E	extract Vo	lume:	(uL)	Da	te Analyzed	: 5/11/2007
Injection Volu	me:	(uL))		Di	lution Fact	or: 1
GPC Cleanup:	(Y/N)		pH _	8	Su	lfur Cleanu	p:
CAS NO.	COMPOU	ND				CONCENTRATI	ON UNITS: J/Kg) ug/kg Q
8001-35-2	Toxaphene						210 U

EPA SAMPLE NO.

				H1PW3 (BGH-SF(0.5)-73)
Lab Name:	DataChem Laboratories	, Inc. Cont	ract:	(641-51 (6.5) 757
Lab Code:	DATAC Case No.:	36335	SAS No.:	SDG No.: H1PT8
Matrix: (so	il/water) <u>SOIL</u>	_	Lab Sample	ID: 7116026002
Sample wt/v	ol: 30 (g/mL) g		Lab File II):
% Moisture:	9.2664 Decanted:	(Y/N)	_ Date Receiv	red: 4/26/2007
	(Type)			:ted:
Concentrate	d Extract Volume:	(uL)	Date Analyz	ed: 5/11/2007
Injection V	olume: (ul	5)	Dilution Fa	ector: 1
GPC Cleanup	: (Y/N)	pH 8.4	Sulfur Clea	unup:
CAS NO.	COMPOUND			ATION UNITS: ug/kg ug/kg Q
12674-11-2	Aroclor-1016			36 U
11104-28-2	Aroclor-1221			36 U
11141-16-5	Aroclor-1232			36 U
53469-21-9	Aroclor-1242			36 U
12672-29-6	Aroclor-1248			92 EP
11097-69-1	Aroclor-1254			36 U
11096-82-5	Aroclor-1260			36 U
37324-23-5	Aroclor-1262			36 U
11100-14-4	Aroclor-1268			36 U
319-84-6	alpha-BHC			1.9U
319-85-7	beta-BHC			1.9 U
319-86-8	delta-BHC			1.9U
58-89-9	gamma-BHC (Lindane)			1.9 U
76-44-8	Heptachlor			1.9 U
309-00-2	Aldrin			1.9 U
1024-57-3	Heptachlor epoxide			1.6 JP
959-98-8	Endosulfan I			0.11 JP
60-57-1	Dieldrin			3.6 U
72-55-9	4,4'-DDE			41
72-20-8	Endrin			0.33 JP
33213-65-9	Endosulfan II			0.21 JP
72-54-8	4,4'-DDD			0.9 J
1031-07-8	Endosulfan sulfate			3.6 U
50-29-3	4,4'-DDT			43
72-43-5	Methoxychlor .			19 U
53494-70-5	Endrin ketone			3 . 6 U
7421-93-4	Endrin aldehyde			3.6 U
5103-71-9	alpha-Chlordane			0.073 JP

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	itaChem La	boratories,	Inc.	Contract:			H1PW3 (BGH-SF(0.5)-73)
Lab Code: DA	TAC	Case No.:	36335	SAS	No.:		SDG No.: H1F	ВТ
Matrix: (soil/	/water)	SOIL	_		Lab S	Sample ID:	711602600)2
Sample wt/vol:	: 30	(g/mኒ) g	-		Lab E	ile ID:		
% Moisture:	9.2664	Decanted:	(Y/N)		Date	Received:	4/26/2007	
Extraction:	(Type)				Date	Extracted	·	
Concentrated E	Extract Vo	lume:	(v	ıL)	Date	Analyzed:	5/11/2007	_
Injection Volu	ume:	(uL)			Dilut	ion Facto	r: 1	
GPC Cleanup:	(Y/N)		рн _8	3.4	Sulfu	ır Cleanup	:	
CAS NO.	COMPOU	ND				NCENTRATIO	ON UNITS: /Kg) ug/kg	Q
8001-35-2	Toxaphene	?					190	J

EPA SAMPLE NO.

Lab Name: DataChem Laboratories, Inc. Contract:	H1PW4 (BGH-SB(2	
Lab Code: DATAC Case No.: 36335 SAS No.:	SDG No.: H1	PT8
Matrix: (soil/water) SOIL Lab Sample ID:	71160260	03
Sample wt/vol: 30 (g/mL) g Lab File ID:		
% Moisture: 13.158 Decanted: (Y/N) Date Received:	4/26/2007	
Extraction: (Type) Date Extracted	l:	
Concentrated Extract Volume: (uL) Date Analyzed:	5/11/2007	
Injection Volume: (uL) Dilution Factor	r: <u>1</u>	
GPC Cleanup: (Y/N) pH 8.9 Sulfur Cleanup):	
CAS NO. COMPOUND CONCENTRATIO	ON UNITS:	
(ug/L or ug/	/Kg) ug/kg	. Q
12674-11-2 Aroclor-1016	38	U
11104-28-2 Aroclor-1221	38	Ū
11141-16-5 Aroclor-1232	38	U
53469-21-9 Aroclor-1242	38	U
12672-29-6 Aroclor-1248	38	Ü
11097-69-1 Aroclor-1254	38	Ü
11096-82-5 Aroclor-1260	38	
37324-23-5 Aroclor-1262	38	
11100-14-4 Aroclor-1268	38	
319-84-6 alpha-BHC	2	
319-85-7 beta-BHC	0.1	
319-86-8 delta-BHC		ΰ
58-89-9 gamma-BHC (Lindane)		U
76-44-8 Heptachlor		Ü
309-00-2 Aldrin		Ū
1024-57-3 Heptachlor epoxide		บ
959-98-8 Endosulfan I	2	
60-57-1 Dieldrin	3.8	
72-55-9 4,4'-DDE	0.99	
72-20-8 Endrin	0.11	
33213-65-9 Endosulfan II	3.8	
72-54-8 4,4'-DDD	3.8	
1031-07-8 Endosulfan sulfate	3.8	
50-29-3 4,4'-DDT	2.6	
72-43-5 Methoxychlor	20	
53494-70-5 Endrin ketone	0.32	
7421-93-4 Endrin aldehyde	3.8	
5103-71-9 alpha-Chlordane	0.083	
5103-74-2 gamma-Chlordane	0.17	

Form I Pest (e-form)

OLM04.3

1E (e-form)
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem L	aboratories, In	ic. Conti	ract:	H1PW4 (BGH-SB(2)-73)
Lab Code: DATAC	Case No.: 3	6335	SAS No.:	SDG No.: H1PT8
Matrix: (soil/water)	SOIL		Lab Sample II	7116026003
Sample wt/vol: 30	(g/mL) g		Lab File ID:	
% Moisture: 13.158	Decanted: (Y/N)	Date Received	1: 4/26/2007
Extraction: (Type)			Date Extracte	ed:
Concentrated Extract V	Volume:	(uL)	Date Analyze	1: 5/11/2007
Injection Volume:	(uL)		Dilution Fact	or: 1
GPC Cleanup: (Y/N)	p	н 8.9	Sulfur Clean	ıp:
CAS NO. COMPO	UND		CONCENTRAT	ION UNITS: g/Kg) ug/kg Q
8001-35-2 Toxapher	ne			200 U

EPA SAMPLE NO.

	FEGI	TUTOE ONGAN	TC3 WAY	CIDIO DULL	Suppl	
Lab Name:	DataChem La	boratories,	Inc.	Contract:	· ·	H1PW6 (BGH-SF(0.5)-75)
Lab Code:	DATAC	Case No.:	36335	SAS	No.:	SDG No.: H1PT8
Matrix: (soi	1/water)	SOIL	_		Lab Sample ID:	7116026004
Sample wt/vo	1: 30	(g/mL) g	_		Lab File ID:	
% Moisture:	9.4987.	Decanted:	(Y/N)		Date Received:	4/26/2007
Extraction:	(Type)				Date Extracted	i:
Concentrated	Extract Vo	lume:	(uL)	Date Analyzed:	5/11/2007
Injection Vo	lume:	(uL))		Dilution Facto	or: 1
GPC Cleanup:	(Y/N)		pH _	8.8	Sulfur Cleanup):
CAS NO.	COMPOU	√D			CONCENTRATIO	
12674-11-2	Aroclor-1	016				36 U
11104-28-2	Aroclor-1	221				36/11

12674-11-2	Aroclor-1016	36	UU
11104-28-2	Aroclor-1221	36	U
11141-16-5	Aroclor-1232	36	U
53469-21-9	Aroclor-1242	36	U
12672-29-6	Aroclor-1248	36	U
11097-69-1	Aroclor-1254	36	Ü
11096-82-5	Aroclor-1260	36	σ
37324-23-5	Aroclor-1262	36	ט
11100-14-4	Aroclor-1268	36	U
319-84-6	alpha-BHC	0.067	J
319-85-7	beta-BHC	1.9	σ
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	ŭ
76-44-8	Heptachlor	1.9	υ
309-00-2	Aldrin	1.9	Ü
1024-57-3	Heptachlor epoxide	1.9	ប
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.6	U
72-55-9	4,4'-DDE	3.6	Ü
72-20-8	Endrin	3.6	U
33213-65-9	Endosulfan II	0.051	JР
72-54-8	4,4'-DDD	3.6	U
1031-07-8	Endosulfan sulfate	3.6	ប
50-29-3	4,4'-DDT	3.6	ŭ
72-43-5	Methoxychlor	19	ט
53494-70-5	Endrin ketone	0.24	JP
7421-93-4	Endrin aldehyde	3.6	U
5103-71-9	alpha-Chlordane	1.9	Ū
5103-74-2	gamma-Chlordane	1.9	ט

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: 1	DataChem La	boratories,	Inc.	Contract:		H1PW6 (BGH-SF(0.5)-75)
Lab Code: 1	DATAC	Case No.:	36335	SAS N	o.:	SDG No.: H1PT8
Matrix: (soi	l/water)	SOIL	_		ab Sample ID:	7116026004
Sample wt/vo	1: 30	(g/mL) g		I	ab File ID:	
% Moisture:	9.4987	Decanted:	(Y/N)		Date Received:	4/26/2007
Extraction:	(Type)			Г	ate Extracted	l:
Concentrated	Extract V	olume:		uL) I	ate Analyzed:	5/11/2007
Injection Vo	lume:	(uL)	I	ilution Facto	or: 1
GPC Cleanup:	(Y/N)		рН	8.8	Gulfur Cleanur):
CAS NO.	COMPOU	ND			CONCENTRATION	
8001-35-2	Toxaphen	3		·	1	190 U

EPA SAMPLE NO.

I.ah Namo: Da	ataChem Laboratories, Inc. Contract:		H1PW7 (BGH~SB(2	
				
Lab Code: Di	ATAC Case No.: 36335 SAS No	·:	SDG No.: HI	PT8
Matrix: (soil	/water) SOIL La	ab Sample ID:	71160260	005
Sample wt/vol	: <u>30 (g/mL) g</u> Le	ab File ID:	 _	
% Moisture:	16.398 Decanted: (Y/N) Da	te Received:	4/26/2007	
Extraction:	(Type) Da	ite Extracted	l:	
Concentrated 1	Extract Volume: (uL) Da	te Analyzed:	5/11/2007	
Injection Volu	ume:(uL) Di	lution Facto	r: 1	
GPC Cleanup:	(Y/N) pH 8.8 Su	ılfur Cleanup	:	-
CAS NO.	COMPOUND	CONCENTRATION (ug/L or ug/		Q
12674-11-2	Aroclor-1016		39	יו
11104-28-2	Aroclor-1221	 	39	
11141-16-5	Aroclor-1232		39	Ū
53469-21-9	Aroclor-1242		39	Ŭ .
12672-29-6	Aroclor-1248		39	U
11097-69-1	Aroclor-1254		39	Ū
11096-82-5	Aroclor-1260		39	Ü
37324-23-5	Aroclor-1262		39	Ü
11100-14-4	Aroclor-1268	· · · · · · · · · · · · · · · · · · ·	39	U
319-84-6	alpha-BHC		2	U
319-85-7	beta-BHC		0.14	J₽
319-86-8	delta-BHC		2	U
58-89-9	gamma-BHC (Lindane)		2	U
76-44-8	Heptachlor		2	U
309-00-2	Aldrin		2	Ŭ
1024-57-3	Heptachlor epoxide		2	Ü
959-98-8	Endosulfan I		2	U
60-57-1	Dieldrin		3.9	U
72-55-9	4,4'-DDE		3.9	U
72-20-8	Endrin		3.9	U
33213-65-9	Endosulfan II		3.9	U
72-54-8	4,4'~DDD		3.9	
1031-07-8	Endosulfan sulfate	,	3.9	U

Form I Pest (e-form)

50-29-3

72-43-5

53494-70-5

7421-93-4

5103-71-9

5103-74-2

4,4'-DDT

Methoxychlor

Endrin ketone

Endrin aldehyde

alpha-Chlordane

gamma-Chlordane

3.9 U

20 U

3.9U

3.9 U

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: Dat	aChem Lab	poratories,	Inc.	Contract:		H1PW7 (BGH-SB(2)-75)
Lab Code: DAT		Case No.:		SAS	No.:	SDG No.: H1PT8
Matrix: (soil/v		SOIL			Lab Sample ID:	7116026005
Sample wt/vol:		(g/mL) g	_		Lab File ID:	
	16.398	Decanted:	(Y/N)		Date Received:	4/26/2007
Extraction:	(Type)				Date Extracted	l:
Concentrated Ex		lume:	{u	L)	Date Analyzed:	5/11/2007
Injection Volum	me:	(uL))		Dilution Facto	or: <u>1</u>
GPC Cleanup:	(Y/N)		рн В	. 8	Sulfur Cleanup):
CAS NO.	СОМРОИЛ	ND			CONCENTRATION (ug/L or ug/L	/Kg) ug/kg Q
8001-35-2	Toxaphene	,				200 U

EPA SAMPLE NO.

H1PW8

Lab Name:	DataChem Laboratories,	Inc. Con	tract:	(BGH-SF(0.5)-74)
Lab Code:	DATAC Case No.:	36335	SAS No.:	SDG No.: H1PT8
	il/water) SOIL			ID: 7116026006
		_	<u>-</u>	
Sample wt/ve	ol: <u>30 (g/mL) g</u>	_	Lab File II):
% Moisture:	8.9727 Decanted:	(Y/N)	Date Receiv	ed: 4/26/2007
Extraction:	(Type)		Date Extrac	ted:
Concentrate	d Extract Volume:	(uL)	Date Analyz	ed: 5/11/2007
Injection V	olume:(uL	1)	Dilution Fa	ctor: 1
GPC Cleanup	: (Y/N)	рн <u>8.6</u>	Sulfur Clea	nup:
CAS NO.	COMPOUND			ATION UNITS: ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	•		36 U
11104-28-2	Aroclor-1221			36 U
11141-16-5	Aroclor-1232			36 U
53469-21-9	Aroclor-1242			36 U
12672-29-6	Aroclor-1248			36 U
11097-69-1	Aroclor-1254			36 U
11096-82-5	Aroclor-1260			36 U
37324-23-5	Aroclor-1262			36 U
11100-14-4	Aroclor-1268			36 U
319-84-6	alpha-BHC			1.9 U
319-85-7	beta-BHC			0.086 JP
319-86-8	delta-BHC			1.9 U
58-89-9	gamma-BHC (Lindane)			1.9 U
76-44-8	Heptachlor			1.9 U
309-00-2	Aldrin			1.9 U
1024-57-3	Heptachlor epoxide			1.9U
959-98-8	Endosulfan I			1.9 U
60-57-1	Dieldrin			3.6 U
72-55-9	4,4'-DDE			0.095 JP
72-20-8	Endrin			3.6 U
33213-65-9	Endosulfan II			3.6 U
72-54-8	4,4'-DDD			3.6 U
1031-07-8	Endosulfan sulfate			3 . 6 U
50-29-3	4,4'-DDT			0.072 J
72-43-5	Methoxychlor			19 U
53494-70-5	Endrin ketone			3.6 U
7421-93-4	Endrin aldehyde			3.6 U
5103-71-9	alpha-Chlordane			1.9 U
E102 24 3	warma Chloudone			1 0 11

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem La	boratories,	Inc. Con	tract:	H1PW8 (BGH-SF(0.5)-74)
Lab Code: DA	ATAC	Case No.:	36335	SAS No.:	SDG No.: H1PT8
Matrix: (soil	/water)	SOIL	_	Lab Sample ID	7116026006
Sample wt/vol	: 30	(g/mL) g	_	Lab File ID:	
% Moisture:	8.9727	Decanted:	(Y/N)	Date Received	: 4/26/2007
Extraction:	(Type)			Date Extracte	d:
Concentrated F	Extract Vo	lume:	(uL)	Date Analyzed	: 5/11/2007
Injection Volu	ume:	(uL)		Dilution Fact	or: 1
GPC Cleanup:	(Y/N)		pH <u>8.6</u>	Sulfur Cleanu	p:
CAS NO.	COMPOUN	ID		CONCENTRATI	ON UNITS:
8001-35-2	Toxaphene				190 U

EPA SAMPLE NO.

H1PW9

Lab Name: Da	taChem Laboratories,	Inc. Cont	tract:	(BGH-SB(2)-74)
	TAC Case No.:			SDG No.: H1PT8
Matrix: (soil/	/water) SOIL	_	Lab Sample ID	7116026007
Sample wt/vol:	: 30 (g/mL) g	_	Lab File ID:	
% Moisture:	7.9561 Decanted:	(Y/N)	Date Received	4/26/2007
Extraction:			Date Extracte	
Concentrated E	Extract Volume:	(uL)	Date Analyzed	5/11/2007
Injection Volu	ıme:(uL)	Dilution Fact	or: <u>1</u>
GPC Cleanup:	(Y/N)	pH 8.4	Sulfur Cleanu	o:
CAS NO.	COMPOUND		CONCENTRATI	
			(ug/L or ug	/Kg) ug/kg Q
12674-11-2	Aroclor-1016			36 U
11104-28-2	Aroclor-1221			36 U
11141-16-5	Aroclor-1232			36 U
53469-21-9	Aroclor-1242			36 U
12672-29-6	Aroclor-1248			36 U
11097-69-1	Aroclor-1254			36 U
11096-82-5	Aroclor-1260			36 U
37324-23-5	Aroclor-1262			36 U
11100-14-4	Aroclor-1268			36 U
319-84-6	alpha-BHC			1.8 0
319-85-7	beta-BHC			1.8 U
319-86-8	delta-BHC			1.8 U
58-89-9	gamma-BHC (Lindane)			1.8 U
76-44-8	Heptachlor			1.80
309-00-2	Aldrin			1.8 U
1024-57-3	Heptachlor epoxide			1.8U
959-98-8 60-57-1	Endosulfan I			1.8U 3.6U
72-55-9	Dieldrin 4,4'-DDE			3.6 U
72-20-8	Endrin		\longrightarrow	3.6 U
33213-65-9	Endosulfan II			3.6 U
72-54-8	4.4'-DDD			3.6 U
1031-07-8	Endosulfan sulfate			3.60
50-29-3	4,4'-DDT		+ -	3.6 U
72-43-5	Methoxychlor			18 U
53494-70-5	Endrin ketone			3.60
7421-93-4	Endrin aldehyde			3.6 U
5103-71-9	alpha-Chlordane			1.8 U
5103-74-2	gamma-Chlordane			1.8 U

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataC	hem Laboratories, I	inc. Contrac	H1PW9 (BGH-SB(2)	-74}
Lab Code: DATAC	Case No.:	36335SA	S No.: SDG No.: H1E	РТ8
Matrix: (soil/wat	er) SOIL		Lab Sample ID: 711602600)7
Sample wt/vol:	30 (g/mL) g		Lab File ID:	
% Moisture: 7.	9561 Decanted:	(Y/N)	Date Received: 4/26/2007	
Extraction: (Ty	rpe)		Date Extracted:	_
Concentrated Extr	act Volume:	(uL)	Date Analyzed: 5/11/2007	
Injection Volume:	(uL)		Dilution Factor: 1	
GPC Cleanup:	(Y/N)	рн 8.4	Sulfur Cleanup:	
CAS NO.	COMPOUND		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
8001-35-2 Tox	aphene		180	J

EPA SAMPLE NO.

H1PX0

Lab Name: Da	taChem Laboratories, Inc. Contract:	(BGH-SF(0.5)-56)
	TAC Case No.: 36335 SAS No.:	SDG No.: H1PT8
Matrix: (soil/	(water) SOIL Lab Sample	ID: 7116026008
Sample wt/vol:	30 (g/mL) g Lab File II):
% Moisture:	7.8456 Decanted: (Y/N) Date Receiv	red: 4/26/2007
		ted:
Concentrated E	Extract Volume:(uL) Date Analyz	zed: 5/11/2007
Injection Volu	ume:(uL) Dilution Fa	actor: 1
GPC Cleanup:	(Y/N) pH 8.3 Sulfur Clea	anup:
CAS NO.	COMPOUND CONCENTR	ATION UNITS:
	(ug/L or	ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	36 U
11104-28-2	Aroclor-1221	36 U
11141-16-5	Aroclor-1232	36 U
53469-21-9	Aroclor-1242	36 U
12672-29-6	Aroclor-1248	- 36 U
11097-69-1	Aroclor-1254	36 U
11096-82-5	Aroclor-1260	36 U
37324-23-5	Aroclor-1262	36 U
11100-14-4	Aroclor-1268	36 U
319-84-6	alpha-BHC	1.8U
319-85-7	beta-BHC	0.11 JP
319-86-8	delta-BHC	1.8 U
58-89-9	gamma-BHC (Lindane)	1.8U
76-44-8	Heptachlor	1.8 U
309-00-2	Aldrin	1.8 U
1024-57-3	Heptachlor epoxide	1.8 U
959-98-8	Endosulfan I	1.8 U
60-57-1	Dieldrin	3.6 U
72-55-9	4,4"-DDE	0.12 JP
72-20-8	Endrin	3.6 U
33213-65-9	Endosulfan II	3.6 U
72-54-8	4,4'-DDD	3.6 U
1031-07-8	Endosulfan sulfate	3.6 U
50-29-3	4,4'-DDT	0.1 JP
72-43-5	Methoxychlor	18 U
53494-70-5	Endrin ketone	3.6 U
7421-93-4	Endrin aldehyde	3.6 U
5103-71-9	alpha-Chlordane	1.8U
5103-74-2	gamma-Chlordane	1.8 U

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem La	boratories,	Inc.	Contrac	:t: _		H1PX0 (BGH-SF(0.5)-56)
Lab Code: 1	DATAC	Case No.:	36335	SA	S No.:		SDG No.: H1PT8
Matrix: (soi)	l/water)	SOIL	-		Lab	Sample ID:	7116026008
Sample wt/vol	1: <u>30</u>	(g/mL) <u>g</u>	_		Lab	File ID:	
% Moisture:	7.8456	Decanted:	(Y/N)		Date	: Received	4/26/2007
Extraction:	(Type)				Date	Extracted	:
Concentrated	Extract Vo	lume:		(uL)	Date	Analyzed:	5/11/2007
Injection Vol	lume:	(uL)			Dilu	tion Facto	r: 1
GPC Cleanup:	(Y/N)		pH _	8.3	Sulf	ur Cleanup	:
CAS NO.	COMPOUN	ID				ONCENTRATIO	
8001-35-2	Toxaphene						180 U

EPA SAMPLE NO.

						H1PX1	
Lab Name:	DataChem L	aboratories,	Inc.	Contract:		L IBGN-SB12	, - 30)
				SAS No	o.:	SDG No .: H1	PT8
Matrix: (so	il/water)	SOIL	_	I	ab Sample ID	71160260	09
Sample wt/vo	ol: <u>30</u>	(g/mL) <u>g</u>	_	I	ab File ID:		
% Moisture:	7.483	Decanted:	(Y/N)		Date Received	4/26/2007	_
Extraction:	(Type)			Γ	Date Extracted	1:	
Concentrate	d Extract V	olume:	(u	ıL) E	ate Analyzed	5/11/2007	
Injection Vo	olume:	(uL)		Г	oilution Facto	or: <u>1</u>	
GPC Cleanup	(Y/N)		рн _8	3.6 S	Gulfur Cleanu	o:	
CAS NO.	COMPO	JND			CONCENTRATI	ON UNITS:	
·	22.12.00					/Kg) ug/kg	Q
12674-11-2	Aroclor-	1016			1	36	U
11104-28-2	Aroclor-				T	36	U
11141-16-5	Aroclor-			<u></u>	 	36	U
53469-21-9	Aroclor-	1242			 	36	U
12672-29-6	Aroclor-				1	36	
11097-69-1	Aroclor-	1254				36	บ
11096-82-5	Aroclor-					36	U
37324-23-5	Aroclor-	1262				36	U
11100-14-4	Aroclor-	1268				36	U
319-84-6	alpha-BH	c				1.8	U
319-85-7	beta-BHC					1.8	ប
319-86-8	delta-BH	c			T	1.8	U
58-89-9	gamma-BH	C (Lindane)				1.8	U
76-44-8	Heptachl	or				1.8	U
309-00-2	Aldrin					1.8	U
1024-57-3	Heptachl	or epoxide				1.8	บ
959-98-8_	Endosulf	an I				1.8	
60-57-1	Dieldrin					3.6	U
72-55-9	4,4'-DDE					3.6	บ
72-20-8	Endrin					3.6	
33213-65-9	Endosul f	an II				3.6	
72-54-8	4,4'-DDD					3.6	บ
1031-07-8		an sulfate			<u> </u>	3.6	
50-29-3	4,4'-DDT					3.6	
72-43-5	Methoxyc	hlor				18	
53494-70-5	Endrin k	etone				3.6	
7421-93-4	Endrin a					3.6	-
5103-71-9	alpha-Ch					1.8	
5103-74-2	gamma-Ch	lordane			i	1.8	ט

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem Laboratories, Inc. Contract	: H1PX1 (BGH-SB(2)-56)
Lab Code: DATAC Case No.: 36335 SAS	No.: SDG No.: H1PT8
Matrix: (soil/water) SOIL	Lab Sample ID: 7116026009
Sample wt/vol: 30 (g/mL) g	Lab File ID:
% Moisture: 7.483 Decanted: (Y/N)	Date Received: 4/26/2007
Extraction: (Type)	Date Extracted:
Concentrated Extract Volume:(uL)	Date Analyzed: 5/11/2007
Injection Volume:(uL)	Dilution Factor: 1
GPC Cleanup: (Y/N) pH 8.6	Sulfur Cleanup:
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
8001-35-2 Toxaphene	180 U

EPA SAMPLE NO.

Lab Name:	DataChem La	boratories,	Inc.	Contract:		H1PX; (BGH-SF(0.	
Lab Code:	DATAC	Case No.:	36335	SAS No.	:	SDG No.: H1	PT8
Matrix: (soi	1/water)	SOIL	_	 La	b Sample ID:	71160260	10
Sample wt/vo	1: 30	(g/mL) g	_	La	b File ID:		
% Moisture:	11.024	Decanted:	(Y/N)	Da	te Received:	4/26/2007	
Extraction:	(Type)			Da	te Extracted	l:	
Concentrated	Extract Vo	olume:	(u	L) Da	te Analyzed:	5/11/2007	_
Injection Vo	lume:	(uL)		Di	lution Facto	or: <u>1</u>	_
GPC Cleanup:	(Y/N)		8 на	. 2 Su	lfur Cleanup	·:	
CAS NO.	COMPOU	ND			CONCENTRATIO	ON UNITS:	
					(ug/L or ug/	/Kg) ug/kg	Q
12674-11-2	Aroclor-	1016			Ι	37	U
11104-28-2	Aroclor-	1221				37	U
11141-16-5	Aroclor-	1232				37	U
53469-21-9	Aroclor-	1242				37	U
12672-29-6	Aroclor-	1248				37	บ
11097-69-1	Aroclor-	1254				37	U
11096-82-5	Aroclor-	1260				37	U
37324-23-5	Aroclor-	1262				37	ט
11100-14-4	Aroclor-	1268				37	U
319-84-6	alpha-BH0					1.9	
319-85-7	beta-BHC					0.068	
319-86-8	delta-BH0				ļ. <u> </u>	1.9	
58-89-9		C (Lindane)				1.9	
76-44-8	Heptachl	or				1.9	
309-00-2	Aldrin					1.9	
1024-57-3		or epoxide				1.9	
959-98-8	Endosulfa				ļ — —	1.9	
60-57-1	Dieldrin				 	0.25	
72-55-9 72-20-8	4,4'-DDE Endrin				 	0.27	
33213-65-9	Endosulfa					3.7	
72-54-8	4,4'-DDD					0.09	
1031-07-8		an sulfate			 	3.7	
50-29-3		in surrace			 	4.1	<u> </u>
72-43-5	Methoxyc				 	0.43	
53494-70-5	Endrin ke				 	3.7	
7421-93-4	Endrin a				<u> </u>	0.2	
5103-71-9	alpha-Ch.	lordane				1.9	U
5103-74-2	gamma-Ch	lordane				1.9	U

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem La	ooratories,	Inc.	Contra	ct: _		H1PX3 (BGH-SF(0.5)-60)
Lab Code: D	ATAC	Case No.:	36335	s	As No.:		SDG No.: H1PT8
Matrix: (soil	/water)	SOIL	_		Lab	Sample ID:	7116026010
Sample wt/vol	: 30	(g/mL) <u>g</u>	_		Lab	File ID:	
% Moisture:	11.024	Decanted:	(Y/N)	`	Dat	e Received:	4/26/2007
Extraction:	(Type)				Dat	e Extracted	l:
Concentrated !	Extract Vo	lume:	(uL)	Dat	e Analyzed:	5/11/2007
Injection Volu	ume:	(uL)			Dil	ution Facto	r: 1
GPC Cleanup:	(Y/N)		рн	8.2	Su1	fur Cleanup	:
CAS NO.	COMPOUN	TD .			c	ONCENTRATIO	ON UNITS:
					(ug/L or ug/	(Kg) ug/kg Q
8001-35-2	Toxaphene				\Box		190 U

EPA SAMPLE NO.

Lab Name: I	ataChem Laboratories,	Inc. Contra	act:	HIPX4 (BGH-SB(2)-60)
Lab Code: I	DATAC Case No.:	36335 S	GAS No.:	SDG No.: H1PT8
Matrix: (soil	./water) SOIL		Lab Sample ID:	7116026011
Sample wt/vol	: <u>30 (g/mL) g</u>	_	Lab File ID:	
% Moisture:	11.307 Decanted:	(Y/N)	Date Received:	4/26/2007
Extraction:	(Type)		Date Extracted	:
Concentrated	Extract Volume:	(uL)	Date Analyzed:	5/11/2007
Injection Vol	ume: (uL)		Dilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N)	pH <u>8</u>	Sulfur Cleanup	:
CAS NO.	COMPOUND		CONCENTRATIO	ON UNITS: (Kg) <u>ug/kg</u> Q
12674-11-2	Aroclor-1016			37 U
11104-28-2	Aroclor-1221			37 U
11141-16-5	Aroclor-1232			37 U
53469-21-9	Aroclor-1242			37 U
12672-29-6	Aroclor-1248	_		37 U
11097-69-1	Aroclor-1254	·		37 U
11096-82-5	Aroclor-1260			37 U
37324-23-5	Aroclor-1262			37 U
11100-14-4	Aroclor-1268			37 U
319-84-6	alpha-BHC			1.9U
319-85-7	beta-BHC			1.9 U
319-86-8	delta-BHC			1.9 0
58-89-9	gamma-BHC (Lindane)			1.9 ປ
76-44-8	Heptachlor			1.9 U
309-00-2	Aldrin			1.9 U
1024-57-3	Heptachlor epoxide			1.9 U
959-98-8	Endosulfan I			1.9 U
60-57-1	Dieldrin			3.7 U
72-55-9	4,4'-DDE			3.7 U
72-20-8	Endrin			3.7 U
33213-65-9	Endosulfan II			3.7 U
72-54-8	4,4'-DDD			3.7 U
1031-07-8	Endosulfan sulfate			3.7 U
50-29-3	4,4'-DDT			3.7 0
72-43-5	Methoxychlor			1.2J

Form I Pest (e-form)

53494-70-5

7421-93-4

5103-71-9

5103-74-2

Endrin ketone

Endrin aldehyde

alpha-Chlordane

gamma-Chlordane

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem La	aboratories,	Inc. Con	tract:	H1PX4 (BGH-SB(2)-60)
Lab Code: DA	ATAC	Case No.:	36335	SAS No.:	SDG No.: H1PT8
Matrix: (soil	/water)	SOIL	_	Lab Sample ID	7116026011
Sample wt/vol	: 30	(g/mL) <u>g</u>	_	Lab File ID:	
% Moisture:	11.307	Decanted:	(Y/N)	Date Received:	4/26/2007
Extraction:	(Type)			Date Extracted	1:
Concentrated I	Extract Vo	olume:	(uL)	Date Analyzed	5/11/2007
Injection Volu	ume:	(uL)		Dilution Facto	or: <u>1</u>
GPC Cleanup:	(Y/N)		Mq8	Sulfur Cleanup	o:
CAS NO.	COMPOU	ND		CONCENTRATI	ON UNITS:
				(ug/L or ug	/Kg) ug/kg Q
8001-35-2	Toxaphene	•			190 U

EPA SAMPLE NO.

OLM04.3

						H1PX (BGH-SS(20	
Lab Name: _	DataChem Labora	tories,	Inc.	Contract	:	(BGR-55(20	0/-30/
Lab Code: _	DATAC Case	No.: 3	36335	SAS	No.:	SDG No.: H	1PX7
Matrix: (soi	l/water) <u>SOIL</u>				Lab Sample ID	71180080	01
Sample wt/vo	l: <u>30</u> (g/m	L) <u>g</u>			Lab File ID:		
% Moisture:	9.7756 Deca	nted:	(Y/N)		Date Received:	04/27/20	07
Extraction:	(Type)				Date Extracted	l:	_
Concentrated	Extract Volume:		(u	L)	Date Analyzed:	5/14/2007	
Injection Vo	lume:	(uL)			Dilution Facto	or: <u>1</u>	
GPC Cleanup:	(Y/N)	r	он <u>7</u>	. 7	Sulfur Cleanup): 	
CAS NO.	COMPOUND				CONCENTRATION (ug/L or ug.	ON UNITS: /Kg) ug/kg	Q
12674-11-2	Aroclor-1016		-			37	บ
11104-28-2	Aroclor-1221					37	U
11141-16-5	Aroclor-1232					37	Ü
53469-21-9	Aroclor-1242					37	Ü
12672-29-6	Aroclor-1248					37	U
11097-69-1	Aroclor-1254					37	U
11096-82-5	Aroclor-1260					37	ט
37324-23-5	Aroclor-1262					37	Ū
11100-14-4	Aroclor-1268					37	U
319-84-6	alpha-BHC					1.9	U
319-85-7	beta-BHC					1.9	U
319-86-8	delta-BHC					1.9	U
58-89-9	gamma-BHC (Li	ndane)	•			1.9	Ū
76-44-8	Heptachlor					1.9	Ū
309-00-2	Aldrin		-			1.9	U
1024-57-3	Heptachlor ep	oxide				1.9	Ū
959-98-8	Endosulfan I					1.9	U
60-57-1	Dieldrin		•			3.7	U
72-55-9	4,4'-DDE					3.7	Ü
72-20-8	Endrin					3.7	Ū
33213-65-9	Endosulfan II					3.7	Ü
72-54-8	4,4'-DDD					3.7	Ü
1031-07-8	Endosulfan su	lfate				3.7	U
50-29-3	4,4'-DDT					3.7	U
72-43-5	Methoxychlor					19	U
53494-70-5	Endrin ketone					3.7	U
7421-93-4	Endrin aldehy	de				3.7	U
5103-71-9	alpha-Chlorda	ne				1.9	U

Form I Pest (e-form)

5103-74-2

gamma-Chlordane

1E (e-form)
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: I	DataChem_L	aboratories,	Inc.	Contract	:	HI: (BGH-SS(PX7 206) -50)
Lab Code: I	DATAC	Case No.:	36335	SAS	No.:	SDG No.:	H1PX7
Matrix: (soil.	/water)	SOIL	_		Lab Sample ID:	711800	8001
Sample wt/vol	: 30	(g/mL) g	_		Lab File ID:		
% Moisture:	9.7756	Decanted:	(Y/N)		Date Received:	04/27/	2007
Extraction:	(Type)				Date Extracted	i:	
Concentrated	Extract Vo	lume:	(u	ıL)	Date Analyzed:	5/14/20	07
Injection Vol	ume:	(uL)			Dilution Facto	or: <u>1</u>	_
GPC Cleanup:	(Y/N)		рн <u>7</u>	1.7	Sulfur Cleanup	o:	_
CAS NO.	COMPOU	ND			CONCENTRATION (ug/L or ug		kg Q
8001-35-2	Toxapher	ie				1	90 U

EPA SAMPLE NO.

H1PX8

Lab Name:	DataChem Laboratories, Inc. Cont	ract: (BGH-SF(0.5)-61)
Lab Code:	DATAC Case No.: 36335	SAS No.: SDG No.: H1PX7
Matrix: (soi	l/water) SOIL	Lab Sample ID: 7118008002
Sample wt/vo	L: 30 (g/mL) g	Lab File ID:
% Moisture:	9.5016 Decanted: (Y/N)	Date Received: 04/27/2007
· ·	(Type)	Date Extracted:
Concentrated	Extract Volume:(uL)	Date Analyzed: 5/14/2007
Injection Vo	Lume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH 9.1	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS:
•		(ug/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	36 U
11104-28-2	Aroclor-1221	36 U
11141-16-5	Aroclor-1232	36 U
53469-21-9	Aroclor-1242	36 U
12672-29-6	Aroclor-1248	36 U
11097-69-1	Aroclor-1254	36 U
11096-82-5	Aroclor-1260	36 U
37324-23-5	Aroclor-1262	36 U
11100-14-4	Aroclor-1268	36 U
319-84-6	alpha-BHC	1.9 U
319-85-7	beta-BHC	0.27 JP
319-86-8	delta-BHC	1.9 U
58-89-9	gamma-BHC (Lindane)	1.9 U
76-44-8	Heptachlor	1.9 U
309-00-2	Aldrin	1.9 U
1024-57-3	Heptachlor epoxide	0.055 JP
959-98-8	Endosulfan I	1.9 U
60-57-1	Dieldrin	0.19 JP
72-55-9	4,4'-DDE	1.4 JP
72-20-8	Endrin	3.6 U
33213-65-9	Endosulfan II	3.6 U
72-54-8	4,4'-DDD	3.6 U
1031-07-8	Endosulfan sulfate	3.6 U
50-29-3	4,4'-DDT	. 0.69 J
72-43-5	Methoxychlor	19 U
53494-70-5	Endrin ketone	3.6 U
7421-93-4	Endrin aldehyde	0.19 JP
5103-71-9	alpha-Chlordane	0.1 JP
5102 74 2	commo Chlordone	0.23

Form I Pest (e-form)

PESTICIDE ORGANICS ANALYSIS DATA SHEET

1E (e-form)

Lab Name: D	ataChem L	aboratories,	Inc. C	ontract:		H1PX8 (BGH-SF(0.5)-61)
Lab Code: D	ATAC	Case No.:	36335	_ SAS	No.:	SDG No.: H1PX7
Matrix: (soil/	water)	SOIL			Lab Sample ID:	7118008002
Sample wt/vol:	30	(g/mL) <u>g</u>			Lab File ID:	
% Moisture:	9.5016	Decanted:	(Y/N) _		Date Received:	04/27/2007
Extraction:	(Type)				Date Extracted	i:
Concentrated E	xtract Vo	lume:	{uL)	Date Analyzed:	5/14/2007
Injection Volu	me:	(uL)			Dilution Facto	or: <u>1</u>
GPC Cleanup:	(Y/N)		рH <u>9.</u>	1_	Sulfur Cleanur	o:
CAS NO.	COMPOU	ND .			CONCENTRATI	•
8001-35-2	Toxaphen	e .				190 U

EPA SAMPLE NO.

H1PX9

Lab Name: D	ataChem Laboratories, Inc. Contract:	(BGH-SB(2)-61)
Lab Code: D	ATAC Case No.: 36335 SAS No.:	SDG No.: H1PX7
Matrix: (soil/	water) SOIL Lab Sa	ample ID: 7118008003
Sample wt/vol:	30 (g/mL) g Lab F	ile ID:
% Moisture:	7.1181 Decanted: (Y/N) Date i	Received: 04/27/2007
Extraction:	(Type) Date 1	Extracted:
Concentrated E	xtract Volume:(uL) Date	Analyzed: 5/14/2007
Injection Volu	me: (uL) Dilut	ion Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.4</u> Sulfu	r Cleanup:
CAS NO.	COMPOUND CON	CENTRATION UNITS:
	(ug	/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	36 U
11104-28-2	Aroclor-1221	36 U
11141-16-5	Aroclor-1232	36 U
53469-21-9	Aroclor-1242	36 U
12672-29-6	Aroclor-1248	36 U
11097-69-1	Aroclor-1254	36 U
11096-82-5	Aroclor-1260	36 U
37324-23-5	Aroclor-1262	. 36 ບ
11100-14-4	Aroclor-1268	36 U
319-84-6	alpha-BHC	1.8 U
319-85-7	beta-BHC	1.8 U
319-86-8	delta-BHC	1.8 U
58-89-9	gamma-BHC (Lindane)	1.8 U
76-44-8	Heptachlor	1,8 U
309-00-2	Aldrin	1.8 U
1024-57-3	Heptachlor epoxide	1.8 U
959-98-8	Endosulfan I	1.8 U
60~57-1	Dieldrin	0.13 JP
72-55-9	4,4'-DDE	2.4 JP
72-20-8	Endrin	0.064 JP
33213-65-9	Endosulfan II	0.069 J
72-54-8	4,4'-DDD	0.34 JP
1031-07-8	Endosulfan sulfate	3.6 U
50-29-3	4,4'-DDT	0.53 JP
72~43-5	Methoxychlor	18 U
53494-70-5	Endrin ketone	3.6 U
7421-93-4	Endrin aldehyde	0.48 JP
5103-71-9	alpha~Chlordane	0.032 JP
5103-74-2	gamma-Chlordane	0.16 J

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:Dat	taChem Laboratories,	Inc. Contract	·	H1PX9 (BGH-SB(2)-61)
Lab Code:DAT	TAC Case No.:	36335 SAS	No.:	SDG No.: H1PX7
Matrix: (soil/wa	ater) SOIL		Lab Sample ID:	7118008003
Sample wt/vol:	30 (g/mL) g		Lab File ID:	
% Moisture: 7	2.1181 Decanted:	(Y/N)	Date Received:	04/27/2007
Extraction: (7	Type)		Date Extracted	:
Concentrated Ext	tract Volume:	(uL)	Date Analyzed:	5/14/2007
Injection Volume	e:(uL)		Dilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N)	pH 8.4	Sulfur Cleanup	:
CAS NO.	COMPOUND		CONCENTRATIO	N UNITS:
			(ug/L or ug/	Kg) <u>ug/kg</u> Q
8001-35-2	Toxaphene			180 U

EPA SAMPLE NO.

H1PY0

Lab Name:	DataChem Laboratories, Inc. Cont	cract: (BGH-SF(0.5)-62)
		SAS No.: SDG No.: H1PX7
Matrix: (soil,	(water) SOIL	Lab Sample ID: 7118008004
Sample wt/vol	30 (g/mL) <u>g</u>	Lab File ID:
% Moisture:	8.1911 Decanted: (Y/N)	Date Received:04/27/2007
Extraction:	(Type)	Date Extracted:
Concentrated H	Extract Volume:(uL)	Date Analyzed: 5/14/2007
Injection Volu	ume:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.6</u>	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	36 U
11104-28-2	Aroclor-1221	36 U
11141-16-5	Aroclor-1232	36 U
53469-21-9	Aroclor-1242	36 U
12672-29-6	Aroclor-1248	36 U
11097-69-1	Aroclor-1254	36 U
11096-82-5	Aroclor-1260	36 U
37324-23-5	Aroclor-1262	36 U
11100-14-4	Aroclor-1268	36 U
319-84-6	alpha-BHC	1.9 ປ
319-85-7	beta-BHC	0.17 JP
319-86-8	delta-BHC	1.9 ປ
58-89-9	gamma-BHC (Lindane)	1.9 U
76-44-8	Heptachlor	1,9 U
309-00-2	Aldrin	• 1.9 U
1024-57-3	Heptachlor epoxide	0.087 JP
959-98-8	Endosulfan I	1.9 ប
60-57-1	Dieldrin	0.6 J
72-55-9	4,4'-DDE	10
72-20-8	Endrin	1 JP
33213-65-9	Endosulfan II	0.33 JP
72-54-8	4,4'-DDD	0.59 J
1031-07-8	Endosulfan sulfate	3.6 U
50-29-3	4,4'~DDT	
72-43-5	Methoxychlor	1 JP
53494-70-5	Endrin ketone	1.4 JP
7421-93-4	Endrin aldehyde	0.5 JP
5103-71-9	alpha-Chlordane	0.15 JP
5103-74-2	gamma-Chlordane	0.26 J

Form I Pest (e-form)

OLM04.3

1E (e-form)
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem	Laboratories, Inc. Cont	ract: H1PY0 (BGH-SF(0.5)-62)
Lab Code: DATAC	Case No.: 36335	SAS No.: SDG No.: H1PX7
Matrix: (soil/water)	SOIL	Lab Sample ID: 7118008004
Sample wt/vol: 30	(g/ml) <u>g</u>	Lab File ID:
% Moisture: 8.1911	Decanted: (Y/N)	Date Received: 04/27/2007
Extraction: (Type)		Date Extracted:
Concentrated Extract V	/olume:(uL)	Date Analyzed: 5/14/2007
Injection Volume:	(uL)	Dilution Factor: 1
GPC Cleanup: (Y/N)	pH8.6	Sulfur Cleanup:
CAS NO. COMPO	UND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
8001-35-2 Toxaphe	ene	190 U

EPA SAMPLE NO.

I.ah Name:	OataChem Laboratories	Inc. Cont	tract.	H1PY (BGH-SB(2	
	DATAC Case No.:			SDC No. 1	11 DV7
200 Code:	ATAC COSC NO	30333			
Matrix: (soil/	(water) SOIL		Lab Sample II		
Sample wt/vol:	30 (g/mL) g	_	Lab File ID:		
% Moisture:	9.5406 Decanted:	(Y/N)	_ Date Received	1: _04/27/20	07
Extraction:	(Type)		Date Extracte	ed:	
Concentrated E	Extract Volume:	(uL)			
	ume:(uL)		Dilution Fact		
	(Y/N)				
CAS NO.	COMPOUND		CONCENTRAT	TON INTEG	
CAS NO.	COMPOUND				0
			(ug/L or u	g/Kg) ug/kg	<u>. </u>
	Aroclor-1016			36	U
11104-28-2	Aroclor-1221			36	U
11141-16-5	Aroclor-1232			36	์ บั
53469-21-9	Aroclor-1242			36	מ
12672-29-6	Aroclor-1248			36	Ū
11097-69-1	Aroclor-1254			36	U
11096-82-5	Aroclor-1260			36	U
37324-23-5	Aroclor-1262		·	36	Ü
11100-14-4	Aroclor-1268			36	U
319-84-6	alpha-BHC			1.9	Ū
319-85-7	beta-BHC			1.9	U
319-86-8	delta-BHC			1.9	υ
58-89-9	gamma-BHC (Lindane)			1.9	υ
76-44-8	Heptachlor			1.9	U
309-00-2	Aldrin			1.9	U
1024-57-3	Heptachlor epoxide		-	1.9	
959-98-8	Endosulfan I			1.9	U
60-57-1	Dieldrin			3.6	
72-55-9	4.4'-DDE			3.6	
72-20-8	Endrin			3.6	_
33213-65-9	Endosulfan II			3.6	
72-54-8	4,4'-DDD			3.6	
1031-07-8	Endosulfan sulfate			3.6	
50-29-3	4,4'-DDT			0.12	
72-43-5	Methoxychlor			19	
53494-70-5	Endrin ketone			3,6	
7421-93-4	Endrin aldehyde			3.6	
5103-71-9	alpha-Chlordane			1.9	
5103-74-2	gamma-Chlordane			1.9	

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem Labor	atories, <u>Inc.</u> Contract	(BGH-SB(2)-62)
Lab Code: DATAC Case	■ No.: 36335 SAS	No.: SDG No.: H1PX7
Matrix: (soil/water) SOI	<u>. </u>	Lab Sample ID: 7118008005
Sample wt/vol: 30 (g/s	mL) <u>g</u>	Lab File ID:
% Moisture: 9.5406 Dec	anted: (Y/N)	Date Received: 04/27/2007
Extraction: (Type)		Date Extracted:
Concentrated Extract Volume	:(uL)	Date Analyzed: 5/14/2007
Injection Volume:	(uL)	Dilution Factor: 1
GPC Cleanup: (Y/N)	pH 8.7	Sulfur Cleanup:
CAS NO. COMPOUND		CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg Q
8001-35-2 Toxaphene		190 U

1E (e-form)

EPA SAMPLE NO.

H1PY2

PESTICIDE	ORGANICS	ANALYSIS	DATA	SHEET

Lab Name:	DataChem Laboratories, Inc. Cont	ract: (BGH-SF(0.5)-63)
		SAS No.: SDG No.: H1PX7
Matrix: (soil	/water) SOIL	Lab Sample ID: 7118008008
Sample wt/vol	: 30 (g/mL) g	Lab File ID:
% Moisture:	5.0505 Decanted: (Y/N)	Date Received: 04/27/2007
Extraction:	(Type)	Date Extracted:
Concentrated	Extract Volume:(uL)	
Injection Vol	ume:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.6</u>	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	35 U
11104-28-2	Aroclor-1221	35 U
11141-16-5	Aroclor-1232	35 U
53469-21-9	Aroclor-1242	35 U
12672-29-6	Aroclor-1248	35 U
11097-69-1	Aroclor-1254	35 U
11096-82-5	Aroclor-1260	35 U
37324-23-5	Aroclor-1262	35 U
11100-14-4	Aroclor-1268	35 U
319-84-6	alpha-BHC	1.8 U
319-85-7	beta-BHC	1.8 U
319-86-8	delta-BHC	1.8 U
58-89-9	gamma-BHC (Lindane)	1.8 U
76-44-8	Heptachlor	1.8 U
309-00-2	Aldrin	1.8 U
1024-57-3	Heptachlor epoxide	1.8 U
959-98-8	Endosulfan I	1.8 U
60-57-1	Dieldrin	0.085 JP
72-55-9	4,4'-DDE	
72-20-8 33213-65-9	Endrin	0.11 J 0.07 JP
72-54-8	Endosulfan II 4,4'-DDD	0.07 JF
1031-07-8	Endosulfan sulfate	3.5 U
50-29-3	4,4'-DDT	3.5 U
72-43-5	Methoxychlor	18 U
53494-70-5	Endrin ketone	0.42 JP
7421-93-4	Endrin aldehyde	3.5 U
5103-71-9	alpha-Chlordane	1.8 U
5103-74-2	gamma-Chlordane	0.067 JP
		

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem L	aboratories,	Inc.	Contract:		H1PY2 (BGH-SF(0.5)-63)
Lab Code: _	DATAC	Case No.:	36335	SAS	No.:	SDG No.: H1PX7
Matrix: (soi	l/water)	SOIL	-		Lab Sample ID:	7118008008
Sample wt/vol	1: 30	(g/mL) g	_		Lab File ID:	
% Moisture:	5.0505	Decanted:	(Y/N)		Date Received:	04/27/2007
Extraction:	(Type)				Date Extracted	:
Concentrated	Extract Vo	lume:	(uI	L)	Date Analyzed:	5/14/2007
Injection Vol	lume:	(uL)			Dilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N)		pH 8	. 6	Sulfur Cleanup	: <u> </u>
CAS NO.	COMPOUN	ND			CONCENTRATIO	
8001-35-2	Toxaphen	е				180 U

EPA SAMPLE NO.

Lab Name: DataChem Laboratories, Inc. Contract: [EGH-36](2)-03) Lab Code: DATAC
Matrix: (soil/water) SOIL Lab Sample ID: 7118008009 Sample wt/vol: 30 (g/mL) g Lab File ID: % Moisture: 4.6181 Decanted: (Y/N) Date Received: 04/27/2007 Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/14/2007 Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 8.5 Sulfur Cleanup: CAS NO. COMPOUND CONCENTRATION UNITTS: (ug/L or ug/Kg) ug/kg Q 12674-11-2 Arcolor-1016 35 U 35 U 11104-28-2 Arcolor-1221 35 U 35 U 11141-16-5 Arcolor-1242 35 U 35 U 12672-29-6 Arcolor-1242 35 U 35 U 11097-69-1 Arcolor-1254 35 U 35 U 11096-82-5 Arcolor-1262 35 U 35 U 11100-14-4 Arcolor-1262 35 U 35 U 119-84-6 alpha-BHC 1.8 U 319-86-8 <td< td=""></td<>
Sample wt/vol: 30 (g/mL) g Lab File ID: % Moisture: 4.6181 Decanted: (Y/N) Date Received: 04/27/2007 Extraction: (Type) Date Extracted:
Moisture: 4.6181 Decanted: (Y/N) Date Received: 04/27/2007 Extraction: (Type) Date Extracted:
Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/14/2007
Date Analyzed: 5/14/2007 Injection Volume:
Date Analyzed: 5/14/2007 Injection Volume:
Cas No. Compound Concentration Units: Cas No. Cas No
CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
(ug/L or ug/Kg) ug/kg Q 12674-11-2 Aroclor-1016 35 U 11104-28-2 Aroclor-1221 35 U 11141-16-5 Aroclor-1232 35 U 53469-21-9 Aroclor-1242 35 U 12672-29-6 Aroclor-1248 35 U 11097-69-1 Aroclor-1254 35 U 11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 1100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 1.8 U 319-86-8 delta-BHC 1.8 U 76-44-8 Heptachlor 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 309-98-8 Endosulfan I 1.8 U 72-55-9 4,4'-DDE 0.11 JP
(ug/L or ug/Kg) ug/kg Q 12674-11-2 Aroclor-1016 35 U 11104-28-2 Aroclor-1221 35 U 11141-16-5 Aroclor-1232 35 U 53469-21-9 Aroclor-1242 35 U 12672-29-6 Aroclor-1248 35 U 11097-69-1 Aroclor-1254 35 U 11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 1100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 1.8 U 319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 309-98-8 Endosulfan I 1.8 U 60-57-1 Dieldrin 3.5 U
11104-28-2 Aroclor-1221 35 U 11141-16-5 Aroclor-1232 35 U 53469-21-9 Aroclor-1242 35 U 12672-29-6 Aroclor-1248 35 U 11097-69-1 Aroclor-1254 35 U 11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 1100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 1.8 U 319-86-8 delta-BHC 1.8 U 58-89-9 gawma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
11104-28-2 Aroclor-1221 35 U 11141-16-5 Aroclor-1232 35 U 53469-21-9 Aroclor-1242 35 U 12672-29-6 Aroclor-1248 35 U 11097-69-1 Aroclor-1254 35 U 11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 1100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 1.8 U 319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
11141-16-5 Aroclor-1232 35 U 53469-21-9 Aroclor-1242 35 U 12672-29-6 Aroclor-1248 35 U 11097-69-1 Aroclor-1254 35 U 11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 11100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 1.8 U 319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
12672-29-6 Aroclor-1248 35 U 11097-69-1 Aroclor-1254 35 U 11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 11100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 1.8 U 319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
11097-69-1 Aroclor-1254 35 U 11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 11100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 1.8 U 319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
11097-69-1 Aroclor-1254 35 U 11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 11100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 1.8 U 319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
37324-23-5 Aroclor-1262 35 U
11100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 1.8 U 319-86-8 delta-BHC 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
319-84-6 alpha-BHC 1.8 U
319-85-7 beta-BHC
319-86-8 delta-BHC 1.8 U
58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 60-57-1 Dieldrin 3.5 U 72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 60-57-1 Dieldrin 3.5 U 72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 60-57-1 Dieldrin 3.5 U 72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 60-57-1 Dieldrin 3.5 U 72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
959-98-8 Endosulfan I 1.8 U 60-57-1 Dieldrin 3.5 U 72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
60-57-1 Dieldrin 3.5 U 72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
72-55-9 4,4'-DDE 0.11 JP 72-20-8 Endrin 3.5 U
72-20-8 Endrin 3.5 U
3.51 U
72-54-8 4,4'-DDD 3.5 U
1031-07-8 Endosulfan sulfate 3.5 U
50-29-3 4,4'-DDT 0.11 JP 72-43-5 Methoxychlor 18 U
53494-70-5 Endrin ketone 3.5 U 7421-93-4 Endrin aldehyde 0.072 JP
5103-71-9 alpha-Chlordane 1.8 U
5103-74-2 gamma-Chlordane 0.038 JP

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem I	aboratories	, Inc. C	ontract:	_	H1PY3 (BGH-SB(2)-63)
Lab Code:	DATAC	Case No.:	36335	SAS N	o.:	SDG No.: _H1PX7
Matrix: {soil	/water)	SOIL	_	I	ab Sample ID:	7118008009
Sample wt/vol	: _30	(g/mL) g	_	I	ab File ID:	
% Moisture:	4.6181	Decanted:	(Y/N) _		Date Received:	04/27/2007
Extraction:	(Type)			Ī	ate Extracted	l:
Concentrated 1	Extract Vo	lume:	(uL)		ate Analyzed:	5/14/2007
Injection Volu	ume:	(uL)	ı	Ε	ilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N)		pH <u>8.5</u>	<u>5</u> 9	Sulfur Cleanup	··
CAS NO.	COMPOU	ND			CONCENTRATIO	ON UNITS:
					(ug/L or ug/	(Kg) ug/kg Q
8001-35-2	Toxapher	ie				180 ປ

EPA SAMPLE NO.

Lab Name: DataChem Laboratories, Inc. Contract: [BGF-SF(0.3)] Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PX Matrix: (soil/water) SOIL Lab Sample ID: 7118008010 Sample wt/vol: 30 (g/mL) g Lab File ID: % Moisture: 5.1051 Decanted: (Y/N) Date Received: 04/27/2007 Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/14/2007 Injection Volume: (uL) Dilution Factor: 1	:7
Matrix: (soil/water) SOIL Lab Sample ID: 7118008010 Sample wt/vol: 30 (g/mL) g Lab File ID: % Moisture: 5.1051 Decanted: (Y/N) Date Received: 04/27/2007 Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/14/2007	
Sample wt/vol: 30 (g/mL) g Lab File ID: % Moisture: 5.1051 Decanted: (Y/N) Date Received: 04/27/2007 Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/14/2007	
% Moisture: 5.1051 Decanted: (Y/N) Date Received: 04/27/2007 Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/14/2007	
Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/14/2007	
Concentrated Extract Volume: (uL) Date Analyzed: 5/14/2007	
	
Trioghies Meline (ut) Bilution Wester 1	
Injection Volume: (uL) Dilution Factor: 1	
GPC Cleanup: (Y/N) pH 8.2 Sulfur Cleanup:	
CAS NO. COMPOUND CONCENTRATION UNITS:	
(ug/L or ug/Kg) ug/kg	Q
12674-11-2 Aroclor-1016 35 U	
11104-28-2 Aroclor-1221 35 U	
11141-16-5 Aroclor-1232 35 U	
53469-21-9 Aroclor-1242 35 U	
12672-29-6 Aroclor-1248 35 U	
11097-69-1 Aroclor-1254 35 U	
11096-82-5 Aroclor-1260 35 U	
37324-23-5 Aroclor-1262 35 U	
11100-14~4 Aroclor-1268 35 U	
319-84-6 alpha-BHC 1.8 U	
319-85-7 beta-BHC 1.8 U	
58-89-9 gamma-BHC (Lindane) 1.8 U	
76-44-8 Heptachlor 1.8 U	
309-00-2 Aldrin 1.8 U	
1024-57-3 Heptachlor epoxide 1.8 U	
959-98-8 Endosulfan I 1.8 U	
60-57-1 Dieldrin 0.3 JI	
72-55-9 4,4'-DDE 3.5 U	
72-20-8 Endrin 0.071 JE	
33213-65-9 Endosulfan II 0.63 JE	
72-54-8 4,4'-DDD 3.5 U	
1031-07-8 Endosulfan sulfate 0.49 JE	
50-29-3 4,4'-DDT 1.8 JF	
72-43-5 Methoxychlor 1.7 JF	<u>, </u>
53494-70-5 Endrin ketone 1.6 J	
7421-93-4 Endrin aldehyde 3.5 U	
5103-71-9 alpha-Chlordane 1.8 U	
5103-74-2 gamma-Chlordane 1.8 U	

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem	aboratories, I	Inc. Contr	H1PY4 (BGH~SF(0.5)-64))
Lab Code: DATAC	Case No.: 3	6335	SAS No.: SDG No.: H1PX7	
Matrix: (soil/water)	SOIL		Lab Sample ID:7118008010	
Sample wt/vol: 30	(g/mL) g		Lab File ID:	
% Moisture: 5.1051	Decanted: (Y/N)	Date Received: 04/27/2007	
Extraction: (Type)			Date Extracted:	
Concentrated Extract V	olume:	(uL)	Date Analyzed: 5/14/2007	
Injection Volume:	(uL)		Dilution Factor: 1	
GPC Cleanup: (Y/N)	pi	H 8.2	Sulfur Cleanup:	
CAS NO. COMPOU	IND		CONCENTRATION UNITS:	
			(ug/L or ug/Kg) ug/kg Q	
8001-35-2 Toxaphe	ne		180 U	

EPA SAMPLE NO.

H1PY5

Lab Name: _D	OataChem Laboratories, Inc. Contract:	(BGH~SB(2)-64)
Lab Code: _D	DATAC Case No.: 36335 SAS No.:	SDG No.: H	11PX7
Matrix: (soil/	(water) SOIL Lab Sample ID	: 71180080	11
Sample wt/vol:	30 (g/mL) g Lab File ID:		
% Moisture:	3.9216 Decanted: (Y/N) Date Received	: 04/27/20	07
Extraction:			
Concentrated E	Extract Volume:(uL) Date Analyzed	: 5/15/2007	_
Injection Volu	me:(uL) Dilution Factor	or: <u>1</u>	-
GPC Cleanup:	(Y/N) pH 9.1 Sulfur Cleanu	p:	
CAS NO.	COMPOUND CONCENTRATI	ON UNITS:	
	(ug/L or ug	/Kg) ug/kg	Q
12674-11-2	Aroclor-1016	34	Ü
11104-28-2	Aroclor-1221	34	U
11141-16-5	Aroclor-1232	34	U
53469-21-9	Aroclor-1242	34	U
12672-29-6	Aroclor-1248	34	U
11097-69-1	Aroclor-1254	34	Ü
11096-82-5	Aroclor-1260	34	U
37324-23-5	Aroclor-1262	34	U
11100-14-4	Aroclor-1268	34	U
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	0.14	JP
319-86-8	delta-BHC	1.8	Ū
58~89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	Ü
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	Ü
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.4	U
72-55-9	4,4'-DDE	3.4	U
72-20-8	Endrin	3.4	U _
33213-65-9	Endosulfan II	3.4	U
72-54-8	4,4'-DDD	3.4	ַ ט
1031-07-8	Endosulfan sulfate	3.4	ַ <u>ט</u>
50-29-3	4,4'-DDT	3.4	υ
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.4	
7421-93-4	Endrin aldehyde	3.4	
5103-71-9	alpha-Chlordane	1.8	
5103-74-2	gamma-Chlordane	1.8	U

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem	Laboratories,	Inc. Contra	H1PY5 (BGH-SB(2)-64)
Lab Code: DATAC	Case No.:	36335 s.	AS No.: SDG No.: H1PX7
Matrix: (soil/water)	SOIL	_	Lab Sample ID: 7118008011
Sample wt/vol: 30	(g/mL) <u>g</u>	_	Lab File ID:
% Moisture: 3.9216	Decanted:	(Y/N)	Date Received: 04/27/2007
Extraction: (Type)			Date Extracted:
Concentrated Extract V	olume:	(uL)	Date Analyzed: 5/15/2007
Injection Volume:	(uL)		Dilution Factor: 1
GPC Cleanup: (Y/N)		рн <u>9.1</u>	Sulfur Cleanup:
CAS NO. COMPO	· DAL		CONCENTRATION UNITS: (ug/L or ug/kg) _ug/kg Q
8001-35-2 Toxaphe	ne		180 U

1E (e-form)

EPA SAMPLE NO.

H1PY6

PESTICIDE	ORGANICS	ANALYSIS	DATA	SHEET

Lab Name:	DataChem Laboratories, Inc. Contrac	t: (BGH-SF(0.5)-66)
Lab Code:	DATAC Case No.: 36335 SA	5 No.: SDG No.: H1PX7
Matrix: (soi	1/water) SOIL	Lab Sample ID: 7118008012
Sample wt/vo	1: <u>30 (g/mL) g</u>	Lab File ID:
% Moisture:	7.9511 Decanted: (Y/N)	Date Received: 04/27/2007
Extraction:	(Type)	Date Extracted:
Concentrated	Extract Volume: (uL)	Date Analyzed: 5/15/2007
Injection Vo	lume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH 8.9	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	36 U
11104-28-2	Aroclor-1221	36 U
11141-16-5	Aroclor-1232	36 U
53469-21-9	Aroclor-1242	36 U
12672-29-6	Aroclor-1248	36 U
11097-69-1	Aroclor-1254	36 U
11096-82-5	Aroclor-1260	36 U
37324-23-5	Aroclor-1262	36 U
11100-14-4	Aroclor-1268	36 U
319-84-6	alpha-BHC	1.8 U
319-85-7	beta-BHC	0.61 JP
319-86-8	delta-BHC	1.8 U
58-89-9	gamma-BHC (Lindane)	1.8 U
76-44-8	Heptachlor	1.8 U
309-00-2	Aldrin	1.8 U
1024-57-3	Heptachlor epoxide	0.46 JP
959-98-8	Endosulfan I	0.22 JP
60-57-1	Dieldrin	0.83 JP
72-55-9	4,4'-DDE	9.7
72-20-8	Endrin	1.2 JP
33213-65-9	Endosulfan II	0.45 JP
72-54-8	4,4'-DDD	0.85 JP
1031-07~8	Endosulfan sulfate	3.6 U
50-29-3	4,4'-DDT	8.7
72-43-5	Methoxychlor	5.4 JP
53494-70-5	Endrin ketone	3.6 U
7421-93-4	Endrin aldehyde	3.6 U
5103-71-9	alpha-Chlordane	1.8 U
5103-74-2	gamma-Chlordane	0 37 JP

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem	Laboratories	, Inc. (Contract:		H1PY6 (BGH~SF(0.5)-6	i6)
Lab Code:	DATAC	Case No.:	36335	_ SAS No.	·:	SDG No.: H1PX	7
Matrix: (so	il/water)	SOIL	_	La	b Sample ID:	7118008012	
Sample wt/ve	ol: <u>30</u>	(g/mL) <u>g</u>	_	La	b File ID:		_
% Moisture:	7.9511	Decanted:	(Y/N) _	Da	te Received:	04/27/2007	
Extraction:	(Type)			Da	te Extracted	i:	
Concentrate	d Extract V	olume:	(uL) Da	te Analyzed:	5/15/2007	
Injection V	olume: _	(uL)	ı	Di	lution Facto	or: <u>1</u>	
GPC Cleanup	: (Y/N)		рН 8.	<u>9</u> Su	ılfur Cleanug	P:	
CAS NO.	COMPO	DINID			CONCENTRATI	ON UNITS: /Kg) <u>ug/kg</u> (}
8001-35-2	Toxaphe	ne				180 ti	

EPA SAMPLE NO.

H1PY7

Lab Name: I	DataChem Laboratories, Inc. Contract:	(BGH-SB(2)-66)
Lab Code: _I	DATAC Case No.: 36335 SAS	No.: SDG No.: H	1PX7
Matrix: (soil	/water) <u>SOIL</u>	Lab Sample ID: 71180080	13
Sample wt/vol	: 30 (g/mL) g	Lab File ID:	
% Moisture:	14.065 Decanted: (Y/N)	Date Received: 04/27/20	07
Extraction:	(Type)	Date Extracted:	
Concentrated 1	Extract Volume:(uL)	Date Analyzed: 5/15/2007	
Injection Volu	ume:(uL)	Dilution Factor: 1	
GPC Cleanup:	(Y/N) pH8.8	Sulfur Cleanup:	
CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		(ug/L or ug/Kg) ug/kg	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U
37324-23-5	Aroclor-1262	38	U
11100-14-4	Aroclor-1268	38	Ū
319-84-6	alpha-BHC	2	U
319-85-7	beta-BHC	2	υ
319-86-8	delta-BHC	2	U
58-89-9	gamma-BHC (Lindane)	2	U
76-44-8	Heptachlor	2	บ
309-00-2	Aldrin	2	ับ
1024-57-3	Heptachlor epoxide	2	บ
959-98-8	Endosulfan I	_ 2	Ŭ
60-57-1	Dieldrin	3.8	U
72-55-9	4,4'-DDE	0.066	JP
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4'-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4'-DDT	3.8	
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	
7421-93-4	Endrin aldehyde	3.8	
5103-71-9	alpha-Chlordane	2	Ü
5103-74-2	gamma-Chlordane	2	υ

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: Data	aChem Laboratories,	Inc. Contrac	t: HIPY/ (BGH-SB(2)-66)
Lab Code: DATA	AC Case No.:	36335 SAS	S No.: SDG No.: H1PX7
Matrix: (soil/wat	ter) SOIL	<u>-</u> .	Lab Sample ID: 7118008013
Sample wt/vol:	30 (g/mL) g	<u>.</u>	Lab File ID:
% Moisture: 14	.065 Decanted:	(Y/N)	Date Received: 04/27/2007
Extraction: (T)	ype)		Date Extracted:
Concentrated Ext	ract Volume:	(uL)	Date Analyzed: 5/15/2007
Injection Volume:	: (uL)		Dilution Factor: 1
GPC Cleanup:	(Y/N)	pH 8.8	Sulfur Cleanup:
CAS NO.	COMPOUND		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
8001-35-2 To	oxaphene		200 U

EPA SAMPLE NO.

•								100	H1PY8	
Lab Name:	DataChem La	boratories,	Inc.	Cont	ract:		_ L	(DC		31-32)
Lab Code:					SAS No.	·:	_ 5	DG	No.: <u>н</u> 1	PY8
Matrix: (soi	l/water)	SOIL	_		La	b Sample	ID:	_	71220120	01
Sample wt/vo					La	b File ID): _			
% Moisture:	5.5957	Decanted:	(Y/N)		Da	te Receiv	ed:	5,	/1/2007	
Extraction:	(Type)				Da	te Extrac	ted:	_		
Concentrated	Extract Vo	lume:		(uL)	Da	te Analyz	ed:	5,	/17/2007	_
Injection Vo	lume:	(uL)			Di	lution Fa	ctor	:	1	,
GPC Cleanup:	(Y/N)		pH _	8.1	Su	lfur Clea	nup:			
CAS NO.	COMPOU	ND				CONCENTRA	ATIO	אט א	NITS:	
						(ug/L or	ug/l	Kg)	ug/kg	, Q
12674-11-2	Aroclor-1	016				1			35	Ū
11104-28-2	Aroclor-1								35	U
11141-16-5	Aroclor-1	232							35	Ū
53469-21-9	Aroclor-1	242						_	35	U
12672-29-6	Aroclor-1	.248							35	U
11097-69-1	Aroclor-1	.254							35	Ŭ
11096-82-5	Aroclor-1	.260							35	U
37324-23-5	Aroclor-1		_						35	Ū .
11100-14-4	Aroclor-1	268							35	U
319-84-6	alpha-BHC								1.8	U
319-85-7	beta-BHC								0.19	JР
319-86-8	delta-BHC	:							1.8	U
58-89-9	gamma-BHC	(Lindane)							1.8	Ü
76-44-8	Heptachlo	r							0.066	JР
309-00-2	Aldrin								1.8	U
1024-57-3		r epoxide							1.8	U
959-98-8	Endosulfa								1.8	
60-57-1	Dieldrin								0.075	JP
72-55-9	4,4'-DDE								0.11	JP
72-20-8	Endrin								3.5	U .
33213-65-9	Endosulfa	ın II							3.5	U
72-54-8	4,4'-DDD								0.13	JP
1031-07-8	Endosulfa	n sulfate							3.5	Ū
50-29-3	4,4'-DDT					1			3.5	U
72-43-5	Methoxych	lor							18	Ū
53494-70-5	Endrin ke	etone							3.5	U
7421-93-4	Endrin al	dehyde							3.5	U
5103-71-9	alpha-Chl	lordane					-		1.8	U
5103-74-2	gamma-Chl	ordane							0.039	JP

Form I Pest (e-form)

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataCher	m Laboratories, In	Contract:	(BGH-SF(0.5)-52)
Lab Code: DATAC	Case No.: 36	335 SAS No	.: SDG No.: H1PY8
Matrix: (soil/water) SOIL	L	ab Sample ID: 7122012001
Sample wt/vol: 30	(g/mL) <u>g</u>	L	ab File ID:
% Moisture: 5.595	7 Decanted: ((/N) D	ate Received: 5/1/2007
Extraction: (Type	,	D	ate Extracted:
Concentrated Extrac	t Volume:	(uL) D	ate Analyzed: 5/17/2007
Injection Volume:	(uL)	D	ilution Factor: 1
GPC Cleanup: (Y	/N) pł	8.1 S	ulfur Cleanup:
CAS NO. COM	1POUND		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
8001-35-2 Toxap	hene		180 U

EPA SAMPLE NO.

H1PY9

OLM04.3

Lab Name: Da	taChem Laboratories, Inc.	Contract:		(BGH-SB(2)-52)
	TAC Case No.: 3633			SDG No.: H1	PY8
Matrix: (soil/	water) SOIL	La	b Sample ID:	71220120	02
Sample wt/vol:	30 (g/mL) g	La	b File ID:	_	
% Moisture:	10.89 Decanted: (Y/N) Da	te Received:	5/1/2007	
Extraction:			te Extracted		
Concentrated E	xtract Volume:	(uL) Da	te Analyzed:	5/17/2007	
Injection Volu	me: (uL)	Di	lution Facto	r: <u>1</u>	
GPC Cleanup:	(Y/N) —— pH	8.4 Su	lfur Cleanup		
CAS NO.	COMPOUND		CONCENTRATIO		Q
12674-11-2	Aroclor-1016	<u> </u>		41	
	Aroclor-1221			37	U
11141-16-5	Aroclor-1232			37	U
53469-21-9	Aroclor-1242			37	U
12672-29-6	Aroclor-1248			37	U
11097-69-1	Aroclor-1254			37	U
11096-82-5	Aroclor-1260			34	J
37324-23-5	Aroclor-1262			37	U
11100-14-4	Aroclor-1268			37	U
319-84-6	alpha-BHC			1.9	Ü
319-85-7	beta-8HC			1.9	บ
319-86-8	delta-BHC			1.9	บั
58-89-9	gamma-BHC (Lindane)			3.1	
76-44-8	Heptachlor			14	
309-00-2	Aldrin			16	
1024-57-3	Heptachlor epoxide			1.9	U
959-98-8	Endosulfan I			1.9	U
60-57-1	Dieldrin			30	
72-55-9	4,4'-DDE			8.8	
72-20-8	Endrin			30	
33213-65-9	Endosulfan II			3.7	
72-54-8	4,4'-DDD			0.38	
1031-07-8	Endosulfan sulfate			3.7	
50-29-3	4,4'-DDT			20	
72-43-5	Methoxychlor			19	
53494-70-5	Endrin ketone			0.48	
7421-93-4	Endrin aldehyde			0.91	
5103-71-9	alpha-Chlordane			1.9	
5103-74-2	gamma-Chlordane			1.9	Ü

Form I Pest (e-form)

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da		boratories,		ntract:	H1PY9 (BGH-SB(2)-52)
		Case No.:	36335	SAS No.:	SDG No.: H1PY8
Lab Code: DA	TAC	case No	30333		
Matrix: (soil/	/water)	SOIL	_	Lab Sample 1	ID: 7122012002
Sample wt/vol:	30	(g/mL) <u>g</u>		Lab File ID:	
% Moisture:	10.89	Decanted:	(Y/N)	Date Receive	ed: <u>5/1/2007</u>
Extraction:	(Type)			Date Extract	red:
Concentrated E	Extract V	olume:	(uL)	Date Analyze	ed: 5/17/2007
Injection Volu	ıme: _	(uL)	Dilution Fac	ctor: 1
GPC Cleanup:	(Y/N)		pH 8.4	Sulfur Clear	nup:
CAS NO.	COMPOL	IND			TION UNITS: ug/kg Q
8001-35-2	Toxaphen	.e			190 U

EPA SAMPLE NO.

11104-28-2 Aroclor-1221 40 U 11141-16-5 Aroclor-1232 40 U 11141-16-5 Aroclor-1232 40 U 112672-29-6 Aroclor-1248 40 U 11097-69-1 Aroclor-1254 40 U 11097-69-1 Aroclor-1254 40 U 11096-82-5 Aroclor-1260 40 U 11096-82-5 Aroclor-1262 40 U 11100-14-4 Aroclor-1268 40 U 11100-14-4 Aroclor-1268 40 U 11100-14-6 Aroclor-1268 40 U 11100-14-6 Aroclor-1268 40 U 11100-14-6 Aroclor-1268 40 U 11100-14-6 Aroclor-1268 40 U 11100-14-7 Aroclor-1268 40 U 11100-14-8 Aroclor-1268 40 U 11100-14-8 Aroclor-1268 40 U 11100-14-8 Aroclor-1268 40 U 11100-14-8 Aroclor-1268 40 U 11100-14-9 Aroclor-1268 40 U 11100-14-9 Aroclor-1268 40 U 11100-14-9 Aroclor-1268 40 U 11100-14-9 Aroclor-1268	Lab Name:	DataChem La	aboratories.	Inc.	Contract:		H1PZ((BGH-SS(2)	
Matrix: (soil/water) SOIL Lab Sample ID: 7122012005 Sample wt/vol: 30 (g/mL) g Lab File ID: % Moisture: 18.227 Decanted: (Y/N) Date Received: 5/1/2007 Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/17/2007 Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 8.7 Sulfur Cleanup: CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) Q 12674-11-2 Aroclor-1016 40 U 11104-28-2 Aroclor-1232 40 U 11104-28-2 Aroclor-1232 40 U 12672-29-6 Aroclor-1242 40 U 11097-69-1 Aroclor-1254 40 U 11097-69-1 Aroclor-1260 40 U 11098-82-5 Aroclor-1268 40 U 11098-84-6 alpha-BHC 2.1 U <	· · · · · · · · · · · · · · · · · · ·						SDG No. : H1	PYR
Sample wt/vol: 30 (g/mL) g Lab File ID: % Moisture: 18.227 Decanted: (Y/N) Date Received: 5/1/2007 Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Date Extracted: Concentrated Extract Volume: (uL) Date Extracted: CAS NO. COMPOUND CONCENTRATION UNITS: CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 1267.4-11-2 Aroclor-1016 40 U 11141-16-5 Aroclor-1221 40 U 1124-2-2-2 Aroclor-1224 40 U 125469-21-9 Aroclor-1248 40 U 1097-69-1 Aroclor-1260 40 U 1098-82-5 Aroclor-1262 40 U 1109-85-7 Acta-BHC 2 U				30333	_		_	
* Moisture: 18.227 Decanted: (Y/N) Date Received: 5/1/2007 Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/17/2007 Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 8.7 Sulfur Cleanup: CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 12674-11-2 Aroclor-1016 40 U 11104-28-2 Aroclor-1221 40 U 11141-16-5 Aroclor-1232 40 U 11141-16-5 Aroclor-1232 40 U 112672-29-6 Aroclor-1248 40 U 11097-69-1 Aroclor-1254 40 U 11097-69-1 Aroclor-1254 40 U 11098-82-5 Aroclor-1260 40 U 37324-23-5 Aroclor-1262 40 U 319-84-6 alpha-BHC 2.1 U 319-85-7 beta-BHC 2.1 U 319-86-8 delta-BHC 2.1 U 58-89-9 gamma-BHC (Lindane) 2.1 U 58-89-9 gamma-BHC (Lindane) 2.1 U 76-44-8 Heptachlor epoxide 2.1 U 309-00-2 Aldrin 2.1 U 509-57-1 Dieldrin 4 U 50-57-1 Dieldrin 4 U 72-55-9 4.4'-DDE 4 U 1031-07-8 Endosulfan II 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4,4'-DDT 4 U 5103-19-9 Ardrin sldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U 53494-70-5 Sndrin ketone 4 U 53494-70-5 Sndrin ketone 4 U 5103-71-9 alpha-Chlordane 2.1 U 5100-71-9 alpha-Chlordane 2.1 U 5100-71-9 alpha-Chlordane 2.1 U				_		-		005
Extraction: (Type)	Sample wt/vo	ol: <u>30</u>	(g/mL) <u>g</u>	_	I	ab File ID:		
Date Analyzed: 5/17/2007 Injection Volume:	% Moisture:	18.227	Decanted:	(Y/N)		ate Received:	5/1/2007	_
Injection Volume:	Extraction:	(Type)			Ε	ate Extracted	l:	
CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q	Concentrated	l Extract Vo	olume:	(ս	L) E	ate Analyzed:	5/17/2007	
CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 12674-11-2 Aroclor-1016 11104-28-2 Aroclor-1221 11141-16-5 Aroclor-1232 40 U 12672-29-6 Aroclor-1248 40 U 11097-69-1 Aroclor-1264 11097-69-1 Aroclor-1260 37324-23-5 Aroclor-1268 40 U 11100-14-4 Aroclor-1268 40 U 11100-14-4 Aroclor-1268 40 U 11100-14-4 Aroclor-1268 40 U 11100-14-4 Aroclor-1268 40 U 11109-82-7 beta-BHC 2.1 U 319-86-8 delta-BHC 2.1 U 319-86-8 Heptachlor 58-89-9 gamma-BHC (Lindane) 58-89-9 Heptachlor 2.1 U 309-00-2 Aldrin 2.1 U 1024-57-3 Heptachlor epoxide 599-98-8 Endosulfan I 72-55-9 4,4'-DDE 4 U 33213-65-9 Endosulfan II 4 U 50-29-3 4,4'-DDT 4 U 5103-71-9 Endorin ketone 4 U 5103-71-9 Endrin aldehyde 510 U 5104-71-9 5104-71-10-10-10-10-10-10-10-10-10-10-10-10-10	Injection Vo	olume:	(uL)		E	ilution Facto	r: <u>1</u>	
Cug/Lor ug/Kg ug/kg Q	GPC Cleanup:	(Y/N)		pH _8	<u>.7</u> S	ulfur Cleanup	··	
12674-11-2 Aroclor-1016	CAS NO.	COMPOU	ND			CONCENTRATIO	ON UNITS:	
11104-28-2 Aroclor-1221 40 U 11141-16-5 Aroclor-1232 40 U 12672-29-6 Aroclor-1248 40 U 12672-29-6 Aroclor-1254 40 U 11097-69-1 Aroclor-1254 40 U 11096-82-5 Aroclor-1260 40 U 1100-14-4 Aroclor-1262 40 U 11100-14-4 Aroclor-1268 40 U 1319-84-6 alpha-BHC 2.1 U 319-86-8 delta-BHC 2.1 U 319-86-8 delta-BHC 2.1 U 319-86-8 delta-BHC 2.1 U 309-00-2 Aldrin 2.1 U 309-00-2 Aldrin 2.1 U 959-98-8 Endosulfan I 2.1 U 060-57-1 Dieldrin 4 U 72-50-9 4,4'-DDE 4 U 72-50-9 Endrin 4 U 72-54-8 4,4'-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 72-43-5 Methoxychlor 21 U 500-70-7 Endrin 4 U 72-43-5 Methoxychlor 21 U 5103-71-9 alpha-Chlordane 2.1 U 5103						(ug/L or ug/	(Kg) ug/kg	Q
11141-16-5 Aroclor-1232	12674-11-2	Aroclor-	1016			T	40	U
53469-21-9 Aroclor-1242 40 U 12672-29-6 Aroclor-1248 40 U 11097-69-1 Aroclor-1254 40 U 11096-82-5 Aroclor-1260 40 U 37324-23-5 Aroclor-1262 40 U 11100-14-4 Aroclor-1268 40 U 319-84-6 alpha-BHC 2.1 U 319-85-7 beta-BHC 2.1 U 319-86-8 delta-BHC 2.1 U 58-89-9 gamma-BHC (Lindane) 2.1 U 76-44-8 Heptachlor 2.1 U 309-00-2 Aldrin 2.1 U 1024-57-3 Heptachlor epoxide 2.1 U 959-98-8 Endosulfan I 2.1 U 60-57-1 Dieldrin 4 U 72-20-8 Endrin 4 U 33213-65-9 Endosulfan II 4 U 72-54-8 4,4'-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4,4'-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4	11104-28-2	Aroclor-1	1221				40	U
12672-29-6	11141-16-5	Aroclor-1	1232				40	ט
11097-69-1 Aroclor-1254 40 U 11096-82-5 Aroclor-1260 40 U 37324-23-5 Aroclor-1262 40 U 11100-14-4 Aroclor-1268 40 U 319-84-6 alpha-BHC 2.1 U 319-86-8 delta-BHC 2.1 U 319-86-8 delta-BHC 2.1 U 319-86-8 delta-BHC 2.1 U 309-00-2 Aldrin 2.1 U 309-00-2 Aldrin 2.1 U 309-98-8 Endosulfan I 2.1 U 309-98-8 Endosulfan I 32.1 U 309-00-2 Aldrin 309-00-2 Aldr	53469-21-9	Aroclor-	1242				40	Ū
11096-82-5 Aroclor-1260 40 U 37324-23-5 Aroclor-1262 40 U 11100-14-4 Aroclor-1268 40 U 319-84-6 alpha-BHC 2.1 U 319-86-8 delta-BHC 2.1 U 319-86-8 delta-BHC 2.1 U 319-86-8 Heptachlor 2.1 U 309-00-2 Aldrin 2.1 U 309-00-2 Aldrin 2.1 U 959-98-8 Endosulfan I 2.1 U 60-57-1 Dieldrin 4 U 72-55-9 4.4'-DDE 4 U 72-20-8 Endrin 4 U 72-54-8 4.4'-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 1031-07-8 Endosulfan sulfate 50-29-3 4,4'-DDT 4 U 72-29-3 4,4'-DDT 4 U 1031-07-8 Endosulfan sulfate 4 U 1042-70-5 Endrin ketone 4 U 1042-70-5 Endrin ketone 4 U 1042-70-5 Endrin ketone 2.1 U 10510-71-9 alpha-Chlordane 2.1 U	12672-29-6	Aroclor-	1248				40	U
37324-23-5 Aroclor-1262 40 U	11097-69-1	Aroclor-	1254				40	U
11100-14-4 Aroclor-1268 40 U 319-84-6 alpha-BHC 2.1 U 319-85-7 beta-BHC 2.1 U 319-86-8 delta-BHC 2.1 U 319-86-8 Heptachlor 2.1 U 76-44-8 Heptachlor 2.1 U 309-00-2 Aldrin 2.1 U 1024-57-3 Heptachlor epoxide 2.1 U 959-98-8 Endosulfan I 2.1 U 60-57-1 Dieldrin 4 U 72-55-9 4,4'-DDE 4 U 33213-65-9 Endosulfan II 4 U 33213-65-9 Endosulfan II 4 U 33213-65-9 Endosulfan II 4 U 72-54-8 4,4'-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 72-29-3 4,4'-DDT 4 U 72-29-3 4,4'-DDT 4 U 72-43-5 Methoxychlor 21 U 5103-71-9 alpha-Chlordane 2.1 U 5103-71-9 alpha-Chlordane 2.1 U	11096-82-5	Aroclor-	1260				40	U
319-84-6 alpha-BHC	37324-23-5	Aroclor-	1262				40	U
319-85-7 beta-BHC 2.1 U 319-86-8 delta-BHC 2.1 U 58-89-9 gamma-BHC (Lindane) 2.1 U 58-89-9 gamma-BHC (Lindane) 2.1 U 50-44-8 Heptachlor 2.1 U 50-45-73 Heptachlor epoxide 2.1 U 50-57-1 Heptachlor epoxide 2.1 U 50-57-1 Dieldrin 4 U 50-57-1 Dieldrin 4 U 50-57-1 Dieldrin 50-57-1 Dieldrin 50-57-1 Dieldrin 50-57-1 50-57-	11100-14-4	Aroclor-	1268				40	U
319-86-8 delta-BHC 2.1 U 58-89-9 gamma-BHC (Lindane) 2.1 U 76-44-8 Heptachlor 2.1 U 309-00-2 Aldrin 2.1 U 1024-57-3 Heptachlor epoxide 2.1 U 959-98-8 Endosulfan I 2.1 U 60-57-1 Dieldrin 4 U 72-55-9 4,4'-DDE 4 U 72-20-8 Endrin 4 U 33213-65-9 Endosulfan II 4 U 72-54-8 4,4'-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4,4'-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	319-84-6	alpha-BH0	3				2.1	U
58-89-9 gamma-BHC (Lindane) 2.1 U 76-44-8 Heptachlor 2.1 U 309-00-2 Aldrin 2.1 U 1024-57-3 Heptachlor epoxide 2.1 U 959-98-8 Endosulfan I 2.1 U 60-57-1 Dieldrin 4 U 72-55-9 4,4'-DDE 4 U 72-20-8 Endrin 4 U 33213-65-9 Endosulfan II 4 U 72-54-8 4,4'-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4,4'-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	319-85-7	beta-BHC					2.1	U
76-44-8 Heptachlor 2.1 U 309-00-2 Aldrin 2.1 U 1024-57-3 Heptachlor epoxide 2.1 U 959-98-8 Endosulfan I 2.1 U 60-57-1 Dieldrin 4 U 72-55-9 4,4'-DDE 4 U 72-20-8 Endrin 4 U 33213-65-9 Endosulfan II 4 U 72-54-8 4,4'-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4,4'-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	319-86-8	delta-BHO				1	2.1	U
309-00-2 Aldrin 2.1 U 1024-57-3 Heptachlor epoxide 2.1 U 959-98-8 Endosulfan I 2.1 U 60-57-1 Dieldrin 4 U 72-55-9 4,4'-DDE 4 U 72-20-8 Endrin 4 U 33213-65-9 Endosulfan II 4 U 72-54-8 4,4'-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4,4'-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	58-89-9	gamma-BH0	(Lindane)			T	2.1	ט
309-00-2 Aldrin 2.1 U 1024-57-3 Heptachlor epoxide 2.1 U 959-98-8 Endosulfan I 2.1 U 60-57-1 Dieldrin 4 U 72-55-9 4,4'-DDE 4 U 72-20-8 Endrin 4 U 33213-65-9 Endosulfan II 4 U 72-54-8 4,4'-DDD 4 U 1031-07-8 Endosulfan II 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4,4'-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U 4	76-44-8	Heptachlo	or	-		1	2.1	Ū
1024-57-3 Heptachlor epoxide 2.1 U 959-98-8 Endosulfan I 2.1 U 60-57-1 Dieldrin 4 U 72-55-9 4,4'-DDE 4 U 72-20-8 Endrin 4 U 33213-65-9 Endosulfan II 4 U 72-54-8 4,4'-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4,4'-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	309-00-2					 		
959-98-8 Endosulfan I 2.1 U 60-57-1 Dieldrin 4 U 72-55-9 4,4'-DDE 4 U 72-20-8 Endrin 4 U 33213-65-9 Endosulfan II 4 U 72-54-8 4,4'-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4,4'-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U			or epoxide			1		
72-55-9 4,4'-DDE 4 U 72-20-8 Endrin 4 U 33213-65-9 Endosulfan II 4 U 72-54-8 4,4'-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4,4'-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	959-98-8					 		
72-55-9 4,4'-DDE 4 U 72-20-8 Endrin 4 U 33213-65-9 Endosulfan II 4 U 72-54-8 4,4'-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4,4'-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	60-57-1	Dieldrin				 	4	U
33213-65-9 Endosulfan II 4 U 72-54-8 4.4 '-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4.4 '-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	72-55-9					1. — . — . —	4	U
33213-65-9 Endosulfan II 4 U 72-54-8 4.4 '-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4.4 '-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	72-20-8	Endrin				T	4	U
72-54-8 4.4'-DDD 4 U 1031-07-8 Endosulfan sulfate 4 U 50-29-3 4.4'-DDT 4 U 72-43-5 Methoxychlor 21 U 7421-93-4 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	33213-65-9	Endosulfa	an II		 _	†		-
50-29-3 4,4'-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	72-54-8	4,4'-DDD				T	4	Ū
50-29-3 4,4'-DDT 4 U 72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	1031-07-8	Endosulfa	an sulfate			T	4	U
72-43-5 Methoxychlor 21 U 53494-70-5 Endrin ketone 4 U 7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	50-29-3	4,4'-DDT				T		-
7421-93-4 Endrin aldehyde 4 U 5103-71-9 alpha-Chlordane 2.1 U	72-43-5	Methoxycl	hlor			1		
5103-71-9 alpha-Chlordane 2.1 U	53494-70-5	Endrin ke	etone			·	4	U
5103-71-9 alpha-Chlordane 2.1 U	7421-93-4	Endrin a	ldehyde			† 	4	U
	5103-71-9	alpha-Chi	lordane			1	2.1	U
	5103-74-2	gamma-Ch	lordane				2.1	U ·

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataC	hem Laboratories,	Inc. Contra	H1PZ0 (BGH-SS(20)-52)
Lab Code: DATAC	Case No.:	36335 S	AS No.: SDG No.: H1PY8
Matrix: (soil/wat	er) SOIL	_	Lab Sample ID: 7122012005
Sample wt/vol:	30 (g/mL) g	_	Lab File ID:
% Moisture: 18	.227 Decanted:	(Y/N)	Date Received: 5/1/2007
Extraction: (Ty	rpe)		Date Extracted:
Concentrated Extr	act Volume:	(uL)	Date Analyzed: 5/17/2007
Injection Volume:	(uL)	 }	Dilution Factor: 1
GPC Cleanup:	(Y/N)	pH <u>8.7</u>	Sulfur Cleanup:
CAS NO.	COMPOUND		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
8001-35-2 Tox	kaphene		210 U

EPA SAMPLE NO.

Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PY8							ſ	H1PZ1	
Matrix: (soil/water) SOIL Lab Sample ID: 7122012006 Sample wt/vol: 30 (g/mL) g Lab File ID: % Moisture: 7.9767 Decanted: (Y/N) Date Received: 5/1/2007 Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 8.9 Sulfur Cleanup: CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg Q 12674-11-2 Arcolor-1016 36 U 11104-28-2 Arcolor-1221 36 U 111141-16-5 Arcolor-1232 36 U 11141-16-5 Arcolor-1232 36 U 11097-69-1 Arcolor-1244 36 U 11097-69-1 Arcolor-1254 36 U 11096-82-5 Arcolor-1254 36 U 11096-82-5 Arcolor-1260 36 U 11091-14-4 Arcolor-1268 36 U 11100-14-4 Arcolor-1268 36 U 11100-14-4 Arcolor-1268 36 U 11100-14-4 Arcolor-1268 36 U 11100-14-4 Arcolor-1268 36 U 1100-14-4 Arcolor-1268 36 U 1100-14-4 Arcolor-1268 36 U 1100-14-5 Abeta-BHC 1.8 U 1004-57-3 beta-BHC 0.059 UP 1004-57-3 Heptachlor epoxide 0.28 UP 76-44-8 Heptachlor 1.8 U 1004-57-3 Heptachlor epoxide 0.28 UP 72-20-8 Endosulfan 1 0.43 UP 72-55-9 Afrin 1.3 UP 72-55-9 Afrin 1.3 UP 72-51-9 Endosulfan 1 1.5 UP 72-52-9 Afrin 1.5 UP 72-53-9 Hendosulfan sulfate 0.8 UP 75-421-9 Afrin 1.5 UP 75-421-9 Afrin 1.5 UP 75-421-9 Afrin 1.5 UP 75-421-9 Afrin 1.5 UP 75-441-9 Endosulfan 1 1.5 UP 75-4421-91 Afrin 1.5 UP 75-4421-91 Afrin 1.5 UP 75-4421-91 Afrin 1.5 UP 75-45-9 Endosulfan 1 1.5 UP 75-47-95 Hendosychlor 1.6 UP 75-47-95 Hendrin Retone 1.6 UP 75-441 Endrin Aldehyde 1.6 UP 75-3441-70-5 Endrin ketone 1.6 UP 75-3441-70-5 Endrin ketone 1.6 UP 75-3441-70-5 Endrin ketone 1.6 UP	Lab Name:	DataChem La	aboratories,	Inc.	Contract	:	L	(2011-21 (0)	, , , ,
Sample wt/vol: 30 (g/mL) g Lab File ID: % Moisture: 7,9767 Decanted: (Y/N) Date Received: 5/1/2007 Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 8.9 Sulfur Cleanup: CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 12674-11-2 Aroclor-1016 36 U 11104-28-2 Aroclor-1221 36 U 11141-16-5 Aroclor-1223 36 U 112672-29-6 Aroclor-1248 36 U 12672-29-6 Aroclor-1248 36 U 11097-69-1 Aroclor-1260 36 U 37324-23-5 Aroclor-1262 36 U 37324-23-5 Aroclor-1268 36 U 319-86-6 alpha-BHC 1.8 U 319-86-7 beta-BHC 0.059 JP </td <td>Lab Code:</td> <td>DATAC</td> <td>Case No.:</td> <td>36335</td> <td> SAS</td> <td>No.:</td> <td> '</td> <td>DG No.: H1</td> <td>PY8</td>	Lab Code:	DATAC	Case No.:	36335	SAS	No.:	'	DG No.: H1	PY8
# Moisture: 7.9767 Decanted: (Y/N) Date Received: 5/1/2007 Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/17/2007 Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 8.9 Sulfur Cleanup: CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 12674-11-2 Aroclor-1016 36 U 11104-28-2 Aroclor-1221 36 U 11104-28-2 Aroclor-1222 36 U 12672-29-6 Aroclor-1242 36 U 12672-29-6 Aroclor-1248 36 U 11097-69-1 Aroclor-1254 36 U 11097-69-1 Aroclor-1254 36 U 11096-82-5 Aroclor-1260 36 U 110014-4 Aroclor-1262 36 U 110014-4 Aroclor-1268 36 U 1319-84-6 alpha-BHC 36 U 1319-86-7 beta-BHC 0.059 JP 1319-88-7 beta-BHC 0.059 JP 1319-88-7 beta-BHC 1.8 U 1024-57-3 Heptachlor depoxide 0.28 JP 1024-57-3 Heptachlor epoxide 0.28 JP 1035-59-9 Radoulfan 1 0.43 JP 1042-55-9 4.4'-DDE 6.6 P 172-55-9 4.4'-DDE 6.6 P 172-54-8 4.4'-DDD 1.4 JP 1031-07-8 Endosulfan 1 0.8 JP 1031-07-8 Endosulfan sulfate 0.8 JP 1031-07-8 Endosulfan sulfate 0.8 JP 1031-07-8 Endosulfan sulfate 0.8 JP 1031-07-1 Endrin 1.6 U 1041-07-105-07-	Matrix: (soi	il/water)	SOIL	-		Lab Sampl	e ID:	71220120	06
Extraction: (Type) Concentrated Extract Volume: (uL) Date Analyzed: 5/17/2007 Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 12674-11-2 Aroclor-1016 11104-28-2 Aroclor-1221 36 U 111141-16-5 Aroclor-1232 36 U 111141-16-5 Aroclor-1232 36 U 111097-69-1 Aroclor-1242 11097-69-1 Aroclor-1254 11097-69-1 Aroclor-1254 11100-14-4 Aroclor-1268 319-84-6 Alpha-BHC 11100-14-4 Aroclor-1268 319-88-6 Alpha-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 18-80-8 18-80-9 gamma-BHC (Lindane) 18-80-9-1 Aldrin 18-80 19-99-8 Endosulfan I 10024-57-3 Heptachlor epoxide 10-57-1 Dieldrin 10-50-29-8 Endosulfan II 10-72-55-9 Arolor-18 10-72-54-8 Ar-DDE 10-72-54-8 Ar-DDE 10-72-73-8 Endosulfan sulfate 10-74-74-9 Alpha-Chlordane 10-74-71-9 Alpha-Chlordane 10-74-71-9 Alpha-Chlordane 10-72-53-4 Endrin ladehyde 10-71-71-9 Alpha-Chlordane 10-72-71-71-71-71-71-71-71-71-71-71-71-71-71-	Sample wt/vo	1: 30	(g/mL) <u>g</u>	_		Lab File	ID:		
Concentrated Extract Volume: (uL) Date Analyzed: 5/17/2007 Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 8.9 Sulfur Cleanup: CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 12674-11-2 Arcclor-1016 36 U 11104-28-2 Arcclor-1221 36 U 11114-16-5 Arcclor-1232 36 U 12672-29-6 Arcclor-1242 36 U 12672-29-6 Arcclor-1254 36 U 11097-69-1 Arcclor-1254 36 U 11097-69-1 Arcclor-1254 36 U 11109-68-2-5 Arcclor-1260 36 U 37324-23-5 Arcclor-1262 36 U 11100-14-4 Arcclor-1268 36 U 11100-14-4 Arcclor-1268 36 U 11998-8-6 alpha-BHC 1.8 U 1998-8-8 delta-BHC 0.059 JP 319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 59-99-9 gamma-BHC 1.8 U 1092-57-3 Heptachlor epoxide 0.28 JP 59-99-8 Endosulfan I 0.43 JP 1092-57-1 Dieldrin 3.6 U 1092-57-2 Dieldrin 3.9 U 1092-57-3 Heptachlor epoxide 0.28 JP 72-20-8 Endrin 1.5 JP 72-20-8 Endrin 1.5 JP 72-20-8 Endosulfan sulfate 0.8 JP 72-24-8 4.4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 72-243-5 Methoxychlor 1.6 U 5149-70-70 Alpha-Chlordane 1.6 U 5150-71-9 alpha-Chlordane 1.6 U 5103-71-9 alpha-Chlordane 1.8 U	% Moisture:	7.9767	Decanted:	(Y/N)		Date Rece	ived:	5/1/2007	
Injection Volume: (UL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 8.9 Sulfur Cleanup: CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 12674-11-2 Aroclor-1016 36 U 11104-28-2 Aroclor-1221 36 U 11141-16-5 Aroclor-1232 36 U 11141-16-5 Aroclor-1242 36 U 11097-69-1 Aroclor-1248 36 U 11097-69-1 Aroclor-1254 36 U 11097-69-1 Aroclor-1260 36 U 11097-69-1 Aroclor-1260 36 U 11090-82-5 Aroclor-1262 36 U 11100-14-4 Aroclor-1268 36 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 0.059 JP 319-85-7 beta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 76-44-8 Heptachlor 0.28 JP 76-57-1 Dieldrin 3.6 U 72-55-9 4,4'-DDE 6.6 P 72-20-8 Endosulfan II 1.3 JP 33213-65-9 Endosulfan II 1.5 JP 72-54-8 4,4'-DDD 1.4 JP 50-29-3 4,4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 U 5103-71-9 alpha-Chlordane 1.8 U 5103-71-9 alpha-Chlordane 1.8 U	Extraction:	(Type)				Date Extr	acted:		
CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 12674-11-2 Arcclor-1016 36 U 11104-28-2 Arcclor-1221 36 U 11141-16-5 Arcclor-1232 36 U 12672-29-6 Arcclor-1248 36 U 11097-69-1 Arcclor-1254 36 U 11097-69-1 Arcclor-1260 36 U 11097-69-1 Arcclor-1260 36 U 11098-82-5 Arcclor-1262 36 U 1109-84-6 alpha-BHC 1.8 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 0.059 JP 319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor algorithm 1.8 U 1024-57-3 Heptachlor epoxide 0.28 JP 59-98-8 Endosulfan I 0.43 JP 72-55-9 4,4'-DDE 6.6 P 72-20-8 Endrin 1.3 JP 72-54-8 4,4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 1031-07-9 Alprin 1.6 JU 1031-07-9 Alprin 1.6 JP 1031-07-8 Endosulfan sulfate 0.8 JP 1031-07-9 Alprin 1.6 JP 1031-07-9 Alprin 1.6 JP 1031-07-9 Alprin 1.6 JP 1031-07-9 Alprin 1.6 JP	Concentrated	l Extract V	olume:		uL)	Date Anal	yzed:	5/17/2007	
CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg Q 12674-11-2 Aroclor-1016 11104-28-2 Aroclor-1221 36 U 11141-16-5 Aroclor-1232 36 U 12672-29-6 Aroclor-1242 36 U 12672-29-6 Aroclor-1248 36 U 11097-69-1 Aroclor-1254 36 U 11096-82-5 Aroclor-1260 37324-23-5 Aroclor-1262 36 U 1100-14-4 Aroclor-1268 36 U 319-84-6 alpha-BHC 319-84-6 alpha-BHC 0.059 JP 319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 1024-57-3 Heptachlor 1.8 U 1024-57-3 Heptachlor epoxide 595-98-8 Endosulfan I 1024-57-1 Dieldrin 1024-57-1 Dieldrin 1031-07-8 Endosulfan II 1031-07-8 Endosulfan II 1031-07-8 Endosulfan sulfate 50-29-3 4,4'-DDT 72-43-5 Methoxychlor 5103-71-9 alpha-Chlordane 1.8 U 5103-71-9 alpha-Chlordane 1.8 U 5103-71-9 510-71-71 Signey 510-72-72-74 510-72-75-75 72-74-8 Heptachlor 11.6 JP 5103-71-9 12.6 JP 5103-71-9 12.6 JP 5103-71-9 12.6 JP 5103-71-9 51.6 JP	Injection Vo	olume: _	(uL)			Dilution	Factor	: 1	
(ug/L or ug/kg) ug/kg Q	GPC Cleanup	(Y/N)		рн	8.9	Sulfur Cl	eanup:		•
12674-11-2	CAS NO.	COMPOU	IND			CONCENT	RATIO	N UNITS:	
11104-28-2 Aroclor-1221 36 U						(ug/L c	r ug/l	(g) ug/kg	Q
11141-16-5 Aroclor-1232 36 U	12674-11-2	Aroclor-	1016					36	Ũ
11141-16-5 Aroclor-1232 36 U	11104-28-2	Aroclor-	1221					36	Ü
12672-29-6	11141-16-5	Aroclor-	1232					36	บั
11097-69-1 Aroclor-1254 36 U 11096-82-5 Aroclor-1260 36 U 37324-23-5 Aroclor-1262 36 U 11100-14-4 Aroclor-1268 36 U 11100-14-4 Aroclor-1268 36 U 319-85-7 beta-BHC 0.059 JF 319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 1024-57-3 Heptachlor 1.8 U	53469-21-9	Aroclor-	1242					36	U
11096-82-5 Aroclor-1260 36 U 37324-23-5 Aroclor-1262 36 U 11100-14-4 Aroclor-1268 36 U 319-84-6 alpha-BHC 1.8 U 319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 59-98-8 Heptachlor 1.8 U 1024-57-3 Heptachlor 1.8 U 1024-57-3 Heptachlor 0.28 JP 959-98-8 Endosulfan I 0.43 JP 60-57-1 Dieldrin 3.6 U 72-55-9 4,4'-DDE 6.6 P 72-20-8 Endrin 1.3 JP 33213-65-9 Endosulfan II 1.5 JP 1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4,4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane	12672-29-6	Aroclor-	1248					36	Ü
37324-23-5	11097-69-1	Aroclor-	1254					36	U
11100-14-4 Aroclor-1268 36 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 0.059 JP 319-86-8 delta-BHC 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 0.28 JP 959-98-8 Endosulfan I 0.43 JP 60-57-1 Dieldrin 3.6 U 72-55-9 4.4'-DDE 6.6 P 72-20-8 Endrin 1.3 JP 33213-65-9 Endosulfan II 1.5 JP 72-54-8 4.4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4.4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	11096-82-5	Aroclor-	1260					36	υ
1110-14-4 AFOCLOF-1268 3.6 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 1.8 U 319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U	37324-23-5	Aroclor-	1262					36	บ
319-85-7 beta-BHC 0.059 JP 319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 1024-57-3 Heptachlor 1.8 U 1024-57-3 Heptachlor epoxide 0.28 JP 959-98-8 Endosulfan I 0.43 JP 60-57-1 Dieldrin 3.6 U 72-55-9 4.4'-DDE 6.6 P 72-20-8 Endrin 1.3 JP 33213-65-9 Endosulfan II 1.5 JP 72-54-8 4.4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4.4'-DDT 5.9 P 72-43-5 Methoxychlor 5.9 P 72-43-5 Methoxychlor 5.9 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U 5103-71-9 alpha-Chlordane 1.8 U	11100-14-4	Aroclor-	1268					36	Ü
319-86-8 delta-BHC 1.8 U 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U	319-84-6	alpha-BH	c					1.8	U
58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 0.28 JF 959-98-8 Endosulfan I 0.43 JF 60-57-1 Dieldrin 3.6 U 72-55-9 4,4'-DDE 6.6 P 72-20-8 Endrin 1.3 JF 33213-65-9 Endosulfan II 1.5 JP 72-54-8 4,4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4,4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	319-85-7	beta-BHC						0.059	JP
76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 0.28 JP 959-98-8 Endosulfan I 0.43 JP 60-57-1 Dieldrin 3.6 U 72-55-9 4,4'-DDE 6.6 P 72-20-8 Endrin 1.3 JP 33213-65-9 Endosulfan II 1.5 JP 72-54-8 4,4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4,4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	319-86-8	delta-BH	c					1.8	Ŭ
76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 0.28 JP 959-98-8 Endosulfan I 0.43 JP 60-57-1 Dieldrin 3.6 U 72-55-9 4,4'-DDE 6.6 P 72-20-8 Endrin 1.3 JP 33213-65-9 Endosulfan II 1.5 JP 72-54-8 4,4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4,4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	58-89-9	gamma-BH	C (Lindane)					1.8	Ü
309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 0.28 JP 959-98-8 Endosulfan I 0.43 JP 60-57-1 Dieldrin 3.6 U 72-55-9 4,4'-DDE 6.6 P 72-20-8 Endrin 1.3 JP 33213-65-9 Endosulfan II 1.5 JP 72-54-8 4,4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4,4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	76-44-8							1.8	ט
1024-57-3 Heptachlor epoxide 0.28 JP 959-98-8 Endosulfan I 0.43 JP 60-57-1 Dieldrin 3.6 U 72-55-9 4.4'-DDE 6.6 P 72-20-8 Endrin 1.3 JP 33213-65-9 Endosulfan II 1.5 JP 72-54-8 4.4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4.4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	309-00-2							1.8	U
959-98-8 Endosulfan I 0.43 JP 60-57-1 Dieldrin 3.6 U 72-55-9 4.4'-DDE 6.6 P 72-20-8 Endrin 1.3 JP 33213-65-9 Endosulfan II 1.5 JP 72-54-8 4.4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4.4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	1.024-57-3		or epoxide						
60-57-1 Dieldrin 3.6 U 72-55-9 4.4'-DDE 6.6 P 72-20-8 Endrin 1.3 JP 33213-65-9 Endosulfan II 1.5 JP 72-54-8 4.4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4.4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	959-98-8							0.43	JP
72-20-8 Endrin 1.3 JP 33213-65-9 Endosulfan II 1.5 JP 72-54-8 4,4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4,4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	60-57-1	\rightarrow						3.6	υ
72-20-8 Endrin 1.3 JP 33213-65-9 Endosulfan II 1.5 JP 72-54-8 4,4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4,4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	72-55-9	4.4'-DDE						6.6	P
72-54-8 4.4'-DDD 1.4 JP 1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4.4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	72-20-8								
1031-07-8 Endosulfan sulfate 0.8 JP 50-29-3 4,4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	33213-65-9	Endosulf	an II					1.5	JP
50-29-3 4,4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	72-54-8	4.4'-DDD						1.4	JР
50-29-3 4,4'-DDT 5.9 P 72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	1031-07-8	Endosulf	an sulfate					0.8	JP
72-43-5 Methoxychlor 1.6 JP 53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	50-29-3								
53494-70-5 Endrin ketone 6.6 7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	72-43-5								
7421-93-4 Endrin aldehyde 3.6 U 5103-71-9 alpha-Chlordane 1.8 U	53494-70-5					- 		6.6	
5103-71-9 alpha-Chlordane 1.8 U	7421-93-4							3.6	U
	5103-71-9							1.8	Ū
	5103-74-2							1.8	U

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: Data	aChem Laboratories,	Inc. Contrac	:t:	H1PZ1 (BGH-SF(0.5)-53)
Lab Code: DATA	AC Case No.:	36335 SA	S No.:	SDG No.: H1PY8
Matrix: (soil/wa	ater) SOIL	_	Lab Sample ID:	7122012006
Sample wt/vol:	30 (g/mL) g	_	Lab File ID:	
% Moisture: 7	.9767 Decanted:	(Y/N)	Date Received:	5/1/2007
Extraction: (1	Type)		Date Extracted	:
Concentrated Ext	tract Volume:	(uL)	Date Analyzed:	5/17/2007
Injection Volume	e:(uL)		Dilution Factor	r: <u>1</u>
GPC Cleanup:	(Y/N)	pH 8.9	Sulfur Cleanup	·
CAS NO.	COMPOUND		CONCENTRATION (ug/L or ug/L	
8001-35-2 To	oxaphene			180 U

EPA SAMPLE NO.

Lab Name: Da	ataChem Laboratories, Inc. Contract:	(BGK-SB(2)-53)
Lab Code: DA	ATAC Case No.: 36335 SAS	No.: SDG No.: H1PY8
Matrix: (soil	/water) SOIL	Lab Sample ID: 7122012007
Sample wt/vol	: 30 (g/mL) g	Lab File ID:
% Moisture:	5.915 Decanted: (Y/N)	Date Received: 5/1/2007
Extraction:	(Туре)	Date Extracted:
Concentrated 1	Extract Volume: (uL)	Date Analyzed: 5/17/2007
Injection Volu	me:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N)pH9	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	35 U
11104-28-2	Aroclor-1221	35 U
11141-16-5	Aroclor-1232	35 U
53469-21-9	Aroclor-1242	35 U
12672-29-6	Aroclor-1248	35 U
11097-69-1	Aroclor-1254	35 U
11096-82-5	Aroclor-1260	35 U
37324-23-5	Aroclor-1262	35 U
11100-14-4	Aroclor-1268	35 U
319-84-6	alpha-BHC	1.8 0
319-85-7	beta-BHC	1.8 U
319-86-8	delta-BHC	1.8 U
58-89-9	gamma-BHC (Lindane)	1.8 U
76-44-8	Heptachlor	0.091 J
309-00-2	Aldrin	1.8 ប
1024-57-3	Heptachlor epoxide	1.8 U
959-98-8	Endosulfan I	1.80
60-57-1	Dieldrin	3.5 U
72-55-9	4,4'-DDE	11
72-20-8	Endrin	0.07 JP
33213-65-9	Endosulfan II	3.5 U
72-54-8	4,4'-DDD	0.2 JP
1031-07-8	Endosulfan sulfate	3.5 U
50-29-3	4,4'-DDT	4.7
72-43-5	Methoxychlor	18 U
53494-70-5	Endrin ketone	3.5 U
7421-93-4	Endrin aldehyde	3.5 U
5103-71-9	alpha-Chlordane	1.8 U
5103-74-2	gamma-Chlordane	0.089 JP

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	ataChem La	aboratories,	_Inc. Co	H1PZ2 ntract: (BGH-SB(2)-53	3)
Lab Code: D	ATAC	Case No.:	36335	SAS No.: SDG No.: H1PY8	
Matrix: (soil	./water)	SOIL	_	Lab Sample ID: 7122012007	
Sample wt/vol	.: <u>30</u>	(g/mL) <u>g</u>	~	Lab File ID:	
% Moisture:	5.915	Decanted:	(Y/N)	Date Received: 5/1/2007	_
Extraction:	(Type)			Date Extracted:	
Concentrated	Extract Vo	olume:	(uL)	Date Analyzed: 5/17/2007	
Injection Vol	ume:	(uL))	Dilution Factor: 1	
GPC Cleanup:	(Y/N)		pH9	Sulfur Cleanup:	
CAS NO.	COMPOU	ND		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q	ļ
8001-35-2	Toxaphene	e		180 U	_

EPA SAMPLE NO.

tab Neme	DataChem In	iboratories,	Inc	Contract.		H1PZ3 (BGH-SS(20)-53)
						and we wanted
				SAS NO.	·	SDG No.: H1PY8
Matrix: (so	il/water)	SOIL	-		_	7122012008
Sample wt/vo	ol: <u>30</u>	(g/mL) <u>g</u>	_	La	b File ID:	
% Moisture:	10.433	Decanted:	(Y/N)	Da	te Received:	5/1/2007
Extraction:	(Type)			Da	te Extracted	l:
Concentrated Extract Volume: (uL) Date Analyzed: 5/17/2007					5/17/2007	
Injection Vo	olume:	(uL)		Di	lution Facto	or: 1
GPC Cleanup	: (Y/N)		<u>8</u> Hq	. 8 Su	lfur Cleanup	··
CAS NO.	COMPOU	ND			CONCENTRATIO	ON UNITS:
					(ug/L or ug/	(Kg) <u>ug/kg</u> Q
12674-11-2	Aroclor-1	1016				37 U
11104-28-2	Aroclor-1	1221				37 U
11141-16-5	Aroclor-1	1232				37 U
53469-21-9	Aroclor-1	1242	· · · · · · · · · · · · · · · · · · ·			37 U
12672-29-6	Aroclor-1	1248				37 U
11097-69-1	Aroclor-1	1254				37 U
11096-82-5	Aroclor-1	1260				37 U
37324-23-5	Aroclor-1	1262				37 U
11100-14-4	Aroclor-1	1268				37 U
319-84-6	alpha-BH0					1.9 U
319-85-7	beta-BHC					1.9 U
319-86-8	delta-BH0					1.9 U
58-89-9	gamma-BH0	C (Lindane)				1.9 U
76-44-8	Heptachlo	or				1.9U
309-00-2	Aldrin					1.9 ປ
1024-57-3	Heptachlo	or epoxide				1.9 U
959-98-8	Endosulfa	an I				1.9 U
60-57-1	Dieldrin					3.7 U
72-55-9	4,4'-DDE					3.70
72-20-8	Endrin					3.7 U
33213-65-9	Endosulfa					3.7 U
72-54-8	4,4'-DDD					3.7 U
1031-07-8		an sulfate				3.7 U
50-29-3	4,4'-DDT					3.7 U
72-43-5	Methoxyci					19 0
53494-70-5	Endrin ke					3.7 U
7421-93-4						3.7 U
5103-71-9	alpha-Chl					1.9U
5103-74-2	gamma-Chi	lordane				1.9U

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem La	boratories,	Inc. Cont	ract:	H1PZ3 (BGH-SS(20)-53)
Lab Code:	DATAC	Case No.:	36335	SAS No.:	SDG No.: H1PY8
Matrix: (soi	.1/water)	SOIL	_	Lab Sample ID:	7122012008
Sample wt/vo	1: 30	(g/mL) <u>g</u>	_	Lab File ID:	
% Moisture:	10.433	Decanted:	{Y/N}	Date Received:	5/1/2007
Extraction:	(Type)			Date Extracted	:
Concentrated	Extract Vo	lume:	(uL)	Date Analyzed:	5/17/2007
Injection Vo	lume:	(uL)		Dilution Factor	r: 1
GPC Cleanup:	(Y/N)		pH 8.8	Sulfur Cleanup	:
CAS NO.	COMPOUN	₫Đ		CONCENTRATIO	
8001-35-2	Toxaphene				190 U

EPA SAMPLE NO.

H1PZ4

Lab Name: 1	DataChem Laboratories,	Inc. Cont	ract: (BGH-SF(0.5)-54)
Lab Code: I	DATAC Case No.:	36335	SAS No.: SDG No.: H1PY8
Matrix: (soi	l/water) SOIL		Lab Sample ID: 7122012009
Sample wt/vo	1: <u>30 (g/mL) g</u>	_	Lab File ID:
	3.0132 Decanted:		Date Received: 5/1/2007
Extraction:	(Type)		Date Extracted:
Concentrated	Extract Volume:	(uL)	Date Analyzed: 5/17/2007
Injection Vo	lume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N)	pH 9.4	Sulfur Cleanup:
CAS NO.	COMPOUND		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016		34 U
11104-28-2	Aroclor-1221		34 U
11141-16-5	Aroclor-1232		34 U
53469-21-9	Aroclor-1242		34 U
12672-29-6	Aroclor-1248		34 U
11097-69-1	Aroclor-1254		34 U
11096-82-5	Aroclor-1260		34 U
37324-23-5	Aroclor-1262		34 U
11100-14-4	Aroclor-1268		34 U
319-84-6	alpha-BHC		1.8 U
319-85-7	beta-BHC		1.8 U
319-86-8	delta-BHC		1.8 U
58-89-9	gamma-BHC (Lindane)		1.8U
76-44-8	Heptachlor		1.8 U
309-00-2	Aldrin		1.8U
1024-57-3	Heptachlor epoxide		1.8 U
959-98-8	Endosulfan I		1.8 U
60-57-1	Dieldrin		0.16 JP
72-55-9	4,4'-DDE		0.26 JP
72-20-8	Endrin		3.4 U
33213-65-9	Endosulfan II		3.4 U
72-54-8	4,4'-DDD		3.4 U
1031-07-8	Endosulfan sulfate		3.4 U
50-29-3	4,4'-DDT		0.66 JP
72-43-5	Methoxychlor		18 U
53494-70-5	Endrin ketone		3.4 U
7421-93-4	Endrin aldehyde		3.4 U
5103-71-9	alpha-Chlordane		0.24 JP
5103-74-2	gamma-Chlordane		0.31JP

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

8001-35-2	Toxaphene	3					1	L80 U
CAS NO.	COMPOU	ND	_			ONCENTRATIO		ā O
GPC Cleanup:	(Y/N)		pH _	9.4	Sul f	ur Cleanup	:	_
Injection Vo	lume:	(uL)			Dilu	tion Facto	r: <u>1</u>	
Concentrated	Extract Vo	olume:	(uL)	Date	Analyzed:	5/17/2	007
Extraction:	(Type)				Date	Extracted	:	
% Moisture:	3.0132	Decanted:	(Y/N)		Date	Received:	5/1/20	07
Sample wt/vo	1: 30	(g/mL) g	_		Lab	File ID:		
Matrix: (soi	l/water)	SOIL	_		Lab	Sample ID:	71220	12009
Lab Code:	DATAC	Case No.:	36335	SA	S No.:		SDG No.:	H1PY8
Lab Name:	DataChem La	boratories,	Inc.	Contrac	:t: _			.PZ4 (0.5)-54)

EPA SAMPLE NO.

H1PZ5

Lab Name: Da	taChem Laboratories, Inc. Cont	ract: (BGH-SB(2)-54)
		SAS No.: SDG No.: H1PY8
Matrix: (soil/	water) SOIL	Lab Sample ID: 7122012010
Sample wt/vol:	30 (g/mL) g	Lab File ID:
% Moisture:	7.014 Decanted: (Y/N)	Date Received: 5/1/2007
Extraction:	(Type)	Date Extracted:
Concentrated E	xtract Volume:(uL)	Date Analyzed: 5/17/2007
Injection Volu	me:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH9.8	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	35 U
11104-28-2	Aroclor-1221	35 U
11141-16-5	Aroclor-1232	35 U
53469-21-9	Aroclor-1242	35 U
12672-29-6	Aroclor-1248	35 U
11097-69-1	Aroclor-1254	35 U
11096-82-5	Aroclor-1260	35 U
37324-23-5	Aroclor-1262	35 U
11100-14-4	Aroclor-1268	35 U
319-84-6	alpha-BHC	1.80
319-85-7	beta-BHC	1.8 U
319-86-8	delta-BHC	1.8 U
58-89-9	gamma-BHC (Lindane)	1.8 U
76-44-8	Heptachlor	1.8 U
309-00-2	Aldrin	1.8U
1024-57-3	Heptachlor epoxide	0.14 JP
959-98-8	Endosulfan I	1.8 U
60-57-1	Dieldrin	0.76 JP
72-55-9	4,4'-DDE	5.3
72-20-8	Endrin	0.87 JP
33213-65-9	Endosulfan II	0.51 JP
72-54-8	4,4'-DDD	3.5 U
1031-07-8	Endosulfan sulfate	3.5 ប
50-29-3	4,4'-DDT	17
72-43-5	Methoxychlor	11 JP
53494-70-5	Endrin ketone	1.3 JP
7421-93-4	Endrin aldehyde	3.5 U
5103-71-9	alpha-Chlordane	2.6 P
5103-74-2	gamma-Chlordane	3

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem Laboratories, Inc. Contract:	H1PZ5 (BGH-SB(2)-54)
Lab Code: DATAC Case No.: 36335 SAS No.:	SDG No.: H1PY8
Matrix: (soil/water) SOIL Lab Sa	umple ID: 7122012010
Sample wt/vol: 30 (g/mL) g Lab Fi	le ID:
% Moisture: 7.014 Decanted: (Y/N) Date R	teceived: 5/1/2007
Extraction: (Type) Date E	xtracted:
Concentrated Extract Volume:(uL) Date A	nalyzed: 5/17/2007
Injection Volume: (uL) Diluti	on Factor: 1
GPC Cleanup: (Y/N) pH 9.8 Sulfur	Cleanup:
(ug/	ENTRATION UNITS:
8001-35-2 Toxaphene	180 U

EPA SAMPLE NO.

Lab Nama	DataChem Takawakawia	.a. Inn. Con	t wast .	H1PZ6 (BGH-SS(17)-54)
•	DATAC Case No.			CDC No . U1 DV9
Matrix: (soi	1/water) SOIL		=	7122012011
Sample wt/vo	ol: 30 (g/mL) g	<u> </u>	Lab File ID:	
% Moisture:	20.157 Decanted	: (Y/N)	Date Received	: 5/1/2007
Extraction:	(Type)	_	Date Extracte	d:
Concentrated	Extract Volume:	(uL)	Date Analyzed	: 5/17/2007
Injection Vo	lume:(uL)	Dilution Fact	or: <u>1</u>
GPC Cleanup:	(Y/N)	рн <u>9.2</u>	Sulfur Cleanu	p:
CAS NO.	COMPOUND		CONCENTRATI	ON UNITS:
			(ug/L or uç	g/Kg) <u>ug/kg</u> Q
12674-11-2	Aroclor-1016			41 U
11104-28-2	Aroclor-1221			41 U
11141-16-5	Aroclor-1232			41 U
53469-21-9	Aroclor-1242			41 U
12672-29-6	Aroclor-1248			41 U
11097-69-1	Aroclor-1254			41 U
11096-82-5	Aroclor-1260			41 U
37324-23-5	Aroclor-1262			41 U
11100-14-4	Aroclor-1268			41 U
319-84-6	alpha-BHC			2.1 U
319-85-7	beta-BHC			0.11 JP
319-86-8	delta-BHC			2.1 U
58-89-9	gamma-BHC (Lindan	e)		2.1 U
76-44-8	Heptachlor	-,		2.1 U
309-00-2	Aldrin			2.1 U
1024-57-3	Heptachlor epoxid			2.1 U
959-98-8	Endosulfan I			2.1 U
60-57-1	Dieldrin			4.1 U
72-55-9	4,4'-DDE			4.1 U
72-20-8	Endrin			4.1 U
33213-65-9	Endosulfan II			4.1 U
72-54-8	4,4'-DDD			4.1 U
1031-07-8	Endosulfan sulfat	e		4.1 U
50-29-3	4,4'-DDT			4.1 U
72-43-5	Methoxychlor			21 U
53494-70-5	Endrin ketone			4.1 U
7421-93-4	Endrin aldehyde			4.1 U
5103-71-9	alpha-Chlordane			2.1 U
5103-74-2	gamma-Chlordane			2.1 U

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem L	aboratories, Inc.	Contract:	H1P26 (BGH-SS(17)-54)
Lab Code: DATAC	Case No.: 36335	SAS No.:	SDG No.: H1PY8
Matrix: (soil/water)	SOIL	Lab Sample	ID: 7122012011
Sample wt/vol: 30	_(g/mL) <u>g</u>	Lab File II	D:
% Moisture: 20.157	Decanted: (Y/N)	Date Receiv	ved: 5/1/2007
Extraction: (Type)		Date Extra	cted:
Concentrated Extract V	olume:(u	L) Date Analy:	zed: 5/17/2007
Injection Volume:	(uL)	Dilution Fa	actor: 1
GPC Cleanup: (Y/N)	рн9	.2 Sulfur Clea	anup:
CAS NO. COMPOU	IND		ATION UNITS: ug/Kg) ug/kg Q
8001-35-2 Toxaphen	e		210 U

EPA SAMPLE NO.

H1PZ8

Lab Name: Da	taChem Laboratories, Inc. Cont	ract: (BGH-SF(0.5)-68)
		SAS No.: SDG No.: H1PY8
Matrix: (soil	water) SOIL	Lab Sample ID: 7122012012
		Lab File ID:
% Moisture:	18.008 Decanted: (Y/N)	Date Received: 5/1/2007
Extraction:	(Type)	Date Extracted:
Concentrated 8	extract Volume:(uL)	Date Analyzed: S/17/2007
Injection Volu	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.4</u>	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	40 U
11104-28-2	Aroclor-1221	40 U
11141-16-5	Aroclor-1232	40 U
53469-21-9	Aroclor-1242	40 U
12672-29-6	Aroclor-1248	40 U
11097-69-1	Aroclor-1254	40 U
11096-82-5	Aroclor-1260	40 U_
37324-23-5	Aroclor-1262	40 U
11100-14-4	Aroclor-1268	40 U
319-84-6	alpha-BHC	2.1 U
319-85-7	beta-BHC	2.1 U
319-86-8	delta-BHC	2.1 U_
58-89-9	gamma-BHC (Lindane)	2.1 U
76-44-8	Heptachlor	2.1 U
309-00-2	Aldrin	2.1 U
1024-57-3	Heptachlor epoxide	2.1 U
959-98-8	Endosulfan I	2.1 U
60-57-1	Dieldrin	0.17 JP
72-55-9	4,4'-DDE	0.89 JP
72-20-8	Endrin	4 U
33213-65-9	Endosulfan II	4 U
72-54-8	4,4'-DDD	4 U
1031-07-8	Endosulfan sulfate	4 U
50-29-3	4,4'-DDT	1 JP
72-43-5	Methoxychlor	21 U
53494-70-5	Endrin ketone	4 U
7421-93-4	Endrin aldehyde	4 U
5103-71-9	alpha-Chlordane	2.1 U
5103-74-2	gamma-Chlordane	0.075 JP

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	ataChem La	boratories,	Inc. Cont	ract:	H1PZ8 (BGH-SF(0.5)-68)
Lab Code: Di	ATAC	Case No.:	36335	SAS No.:	SDG No.: H1PY8
Matrix: (soil	/water)	SOIL	_	Lab Sample ID	7122012012
Sample wt/vol	: 30	(g/mL) g	_	Lab File ID:	
% Moisture:	18.008	Decanted:	(Y/N)	Date Received:	5/1/2007
Extraction:	(Type)			Date Extracted	1:
Concentrated 1	Extract Vo	lume:	(uL)	Date Analyzed:	5/17/2007
Injection Volu	ume:	(uL)		Dilution Facto	or: 1
GPC Cleanup:	(Y/N)		pH 8.4	Sulfur Cleanur):
CAS NO.	COMPOUN	ID		CONCENTRATIO	ON UNITS:
r				(ug/L or ug	(Kg) ug/kg Q
8001-35-2	Toxaphene				210 U

EPA SAMPLE NO.

Lab Name: DataChem Laboratories, Inc. Contract: (BGH-5B(2)- Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1P	
	`
Matrix: (soil/water) SOIL Lab Sample ID: 712201201	,
Sample wt/vol: 30 (g/mL) g Lab File ID:	-
% Moisture: 16.719 Decanted: (Y/N) Date Received: 5/1/2007	
Extraction: (Type) Date Extracted:	
Concentrated Extract Volume: (uL) Date Analyzed: 5/17/2007	_
Injection Volume: (uL) Dilution Factor: 1	_
GPC Cleanup: (Y/N) pH 8.5 Sulfur Cleanup:	
CAS NO. COMPOUND CONCENTRATION UNITS:	
(ug/L or ug/Kg) ug/kg	Q
12674-11-2 Aroclor-1016 40 U	
11104-28-2 Aroclor-1221 40 U	
11141-16-5 Aroclor-1232 40 U	
53469-21-9 Aroclor-1242 40 U	
12672-29-6 Aroclor-1248 40 U	
11097-69-1 Aroclor-1254 40 U	
11096-82-5 Aroclor-1260 40 U	
37324-23-5 Aroclor-1262 40 U	
11100-14-4 Aroclor-1268 40 U	
319-84-6 alpha-BHC 2 U	
319-85-7 beta-BHC 0.07 J	P
319-86-8 delta-BHC 2U	
58-89-9 gamma-BHC (Lindane) 2 U	•
76-44-8 Heptachlor 2 U	
309-00-2 Aldrin 2U	
1024-57-3 Heptachlor epoxide 2 U	
959-98-8 Endosulfan I 2 U	
60-57-1 Dieldrin 4 U	
72-55-9 4,4'-DDE 4U	
72-20-8 Endrin 4 U	
33213-65-9 Endosulfan II 4 U	
72-54-8 4,4'-DDD 4 U	
1031-07-8 Endosulfan sulfate 4U	
50-29-3 4,4'-DDT 4 U	
72-43-5 Methoxychlor 20 U	
53494-70-5 Endrin ketone 4 U	
7421-93-4 Endrin aldehyde 4 U	_
5103-71-9 alpha-Chlordane 2 U	
5103-74-2 gamma-Chlordane 0.18 J	

Form I Pest (e-form)

1E (e-form)
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem L	aboratories,	Inc.	Contrac	t:	[H1PZ9 (BGH-SB(2)	-68)
Lab Code:	DATAC	Case No.:	36335	SA	S No.:		SDG No.: H1P	Y8 _
Matrix: (so	oil/water)	SOIL	_		Lab Sar	mple ID:	712201201	3
Sample wt/v	vol: <u>30</u>	(g/mL) <u>g</u>	_		Lab Fi	le ID:		
% Moisture:	16.719	Decanted:	(Y/N)		Date Re	eceived:	5/1/2007	_
Extraction:	(Type)				Date Ex	tracted	:	_
Concentrate	d Extract V	olume:	(uL)	Date Ar	alyzed:	5/17/2007	_
Injection V	olume: _	(uL)		Dilutio	n Factor	r: <u>1</u>	
GPC Cleanup	: (Y/N)		pH _	8.5	Sulfur	Cleanup	·	
CAS NO.	COMPOU	JND				ENTRATIO L or ug/	N UNITS: Kg) <u>ug/kg</u>	Q
8001-35-2	Toxaphen						20011	

EPA SAMPLE NO.

Lab Name: Da	ataChem Laboratories,	Inc. Cont	tract:	H1Q00 (BGH-SF(0.5)-70)
Lab Code: DA	ATAC _ Case No.:	36335	SAS No.:	SDG No.: H1PY8
Matrix: (soil,	/water) SOIL	_	Lab Sample ID	: 7122012014
Sample wt/vol:	: 30 (g/mL) g	_	Lab File ID:	
% Moisture:	8.3499 Decanted:	(Y/N)	Date Received	: 5/1/2007
Extraction:	(Type)		Date Extracte	d:
Concentrated I	Extract Volume:	(uL)	Date Analyzed	
Injection Volu	ıme:(uI		Dilution Fact	or: 1
GPC Cleanup:	(Y/N)	pH <u>7.8</u>		
CAS NO.	COMPOUND		CONCENTRATI	ON UNITS:
	•		(ug/L or ug	/Kg) ug/kg Q
12674-11-2	Aroclor-1016			36 U
11104-28-2	Aroclor-1221			36 U
11141-16-5	Aroclor-1232			36 U
53469-21-9	Aroclor-1242			36 U
12672-29-6	Aroclor-1248			36 U
11097-69-1	Aroclor-1254			36 U
11096-82-5	Aroclor-1260			57
37324-23-5	Aroclor-1262			36 U
11100-14-4	Aroclor-1268			36 U
319-84-6	alpha-BHC			1.90
319-85-7	beta-BHC			1.9 U
319-86-8	delta-BHC			1.9 U
58-89-9	gamma-BHC (Lindane)			1.9 U
76-44-8	Heptachlor			1.9 U
309-00-2	Aldrin			1.9 U
1024-57-3	Heptachlor epoxide			0.18 JP
959-98-8	Endosulfan I			1.9 U
60-57-1	Dieldrin			10
72-55-9	4.4'-DDE			5.4P
72-20-8	Endrin			0.65 JP
33213-65-9	Endosulfan II			0.39 JP
72-54-8	4.4'-DDD			3.6 U
1031-07-8	Endosulfan sulfate			3.6 U
50-29-3	4,4'-DDT		+	9.8 P
72-43-5	Methoxychlor			19 0
53494-70-5	Endrin ketone		+	3.6 U
7421-93-4	Endrin aldehyde			3.6 U
5103-71-9	alpha-Chlordane			1.90
5103-74-2	gamma-Chlordane			0.78 J
2200 13 2	190mma-Chitordane			<u> </u>

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem L	aboratories,	Inc. Contract	H1Q00 (BGH-SF(0.5)-70)
Lab Code: DATAC	Case No.:	36335 SAS	No.: SDG No.: H1PY8
Matrix: (soil/water)	SOIL	_	Lab Sample ID: 7122012014
Sample wt/vol: 30	(g/mĽ) <u>g</u>	_	Lab File ID:
% Moisture: 8.3499	Decanted:	(Y/N)	Date Received: 5/1/2007
Extraction: (Type)			Date Extracted:
Concentrated Extract V	olume:	(uL)	Date Analyzed: 5/17/2007
Injection Volume:	(uL)		Dilution Factor: 1
GPC Cleanup: (Y/N)		pH 7.8	Sulfur Cleanup:
CAS NO. COMPO	UND		CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg Q
8001-35-2 Toxapher	ie		190 ປ

EPA SAMPLE NO.

H1Q01

Lab Name: Da	taChem Laboratories, Inc. Contr	act: (BGH-SB(2)-70)
Lab Code: DA	TAC Case No.: 36335	SAS No.: SDG No.: H1PY8
Matrix: (soil,	water) SOIL	Lab Sample ID: 7122012015
		Lab File ID:
% Moisture:	9.7606 Decanted: (Y/N)	
	(Type)	Date Extracted:
Concentrated F	Extract Volume:(uL)	Date Analyzed: 5/17/2007
Injection Volu	me: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.2</u>	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	37 U
11104-28-2	Aroclor-1221	37 U
11141-16-5	Aroclor-1232	37 U
53469-21-9	Aroclor-1242	37 U
12672-29-6	Aroclor-1248	37 U
11097-69-1	Aroclor-1254	37 U
11096-82-5	Aroclor-1260	37 U
37324-23-5	Aroclor-1262	37 U
11100-14-4	Aroclor-1268	37 U
319-84-6	alpha-BHC	1.9 U
319-85-7	beta-BHC	1.9 U
319-86-8	delta-BHC	1.9 U
58-89-9	gamma-BHC (Lindane)	1.9 U
76-44-8	Heptachlor	1.9 ປັ
309-00-2	Aldrin	. 1.9 U
1024-57-3	Heptachlor epoxide	. 1.9 U
959-98-8	Endosulfan I	1.9 U
60-57-1	Dieldrin	3.7 U
72-55-9	4,4'-DDE	1.2 J
72-20-8	Endrin .	3.7 U
33213-65-9	Endosulfan II	3.7 U
72-54-8	4,4'-DDD	3.7 U
1031-07-8	Endosulfan sulfate	3 . 7 U
50-29-3	4,4'-DDT	0.63 JP
72-43-5	Methoxychlor	19 U
53494-70-5	Endrin ketone	3.7 U
7421-93-4	Endrin aldehyde	0.059 JP
5103-71-9	alpha-Chlordane	1.9 U
5103-74-2	gamma-Chlordane	0.11 JP

Form I Pest (e-form)

OLMO4.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

CAS NO.

8001-35-2

COMPOUND

Toxaphene

EPA SAMPLE NO.

CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q

Lab Name: DataChem L	aboratories,	Inc. Cont	ract:	(BGH-SB(2)-70)
Lab Code: DATAC	Case No ::	36335	SAS No.:	SDG No.: H1PY8
Matrix: (soil/water)	SOIL	_	Lab Sample ID:	7122012015
Sample wt/vol: 30	(g/mL) g	_	Lab File ID:	
% Moisture: 9.7606	Decanted:	(Y/N)	_ Date Received:	5/1/2007
Extraction: (Type)			Date Extracted	1:
Concentrated Extract V	olume:	(uL)	Date Analyzed:	5/17/2007
Injection Volume:	(uL)	Dilution Facto	or: <u>1</u>
GPC Cleanup: (Y/N)		pH 8.2	Sulfur Cleanup	o:

EPA SAMPLE NO.

Lab Name:	DataChem La	bor <u>a</u> tories,	Inc.	Cont	ract:		_ [H1 BGH-SF (_	
Lab Code:	DATAC	Case No.:	36335		SAS No.	:	sı	G No.:	H1F	PY8
Matrix: (so:	il/water)	SOIL	_		La	b Sample	ID:	71220	1201	16
Sample wt/vo	ol: <u>30</u>	(g/mL) <u>g</u>			La	b File II	o: _			
% Moisture:	9.7518	Decanted:	(Y/N)		Da	te Recei	ved:	5/1/200	07_	_
Extraction:	(Type)				Da	te Extra	cted:			
Concentrated	Extract Vo	olume:	(uL)	Da	te Analy:	zed:	5/17/20	07	_
Injection Vo	olume:	(uL)			Di	lution Fa	actor:	1		
GPC Cleanup	(Y/N)		рН _	8.1	\$u	lfur Clea	anup:			
CAS NO.	COMPOU	ND				CONCENTR	ATION	UNITS:		
						(ug/L or	ug/K	յ) <u>ug/k</u>	g_	Q
12674-11-2	Aroclor-	1016							37	U
11104-28-2	Aroclor-1								37 1	
11141-16-5	Aroclor-								37 1	II
53469-21-9	Aroclor-1								37 1	
12672-29-6	Aroclor-1				-				371	_
11097-69-1	Aroclor-								37 1	
11096-82-5	Aroclor-								37 1	
37324-23-5	Aroclor-								37 1	
11100-14-4									37	
319-84-6	Aroclor-1								.91	
	alpha-BHO								_	
319-85-7	beta-BHC								ا 9	
319-86-8	delta-BH0								9	
58-89-9		(Lindane)							ا 9	
76-44-8	Heptachlo								9 1	_
309-00-2	Aldrin								9	
1024-57-3		or epoxide							9 1	
959-98-8	Endosulfa								9 [
60-57-1	Dieldrin								.7	
72-55-9	4,4'-DDE								75	
72-20-8	Endrin								.7	
33213-65-9	Endosulfa	an II							.7	
72-54-8	4,4'-DDD								. 7 t	
1031-07-8	Endosulfa	an sulfate						3	.7	U .
50-29-3	4,4'-DDT							0.	56	JP
72-43-5	Methoxycl	nlor							19 [U
53494-70-5	Endrin ke	etone						3	.70	U
7421-93-4	Endrin a	ldehyde						3	.7	U
5103-71-9	alpha-Chi	lordane						1	. 9 (U
5103-74-2	gamma-Chi	lordane						0.	11 3	JР
									_	

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem L	aboratories, Inc. Co	H1Q02 (BGH-SF(0.5)-51)
Lab Code: DATAC	Case No.: 36335	SAS No.: SDG No.: H1PY8
Matrix: (soil/water)	SOIL	Lab Sample ID: 7122012016
Sample wt/vol: 30	_(g/mL) <u>g</u>	Lab File ID:
% Moisture: 9.7518	Decanted: (Y/N)	Date Received: 5/1/2007
Extraction: (Type)		Date Extracted:
Concentrated Extract V	olume: (uL)	Date Analyzed: 5/17/2007
Injection Volume:	(uL)	Dilution Factor: 1
GPC Cleanup: (Y/N)	pH 8.1	Sulfur Cleanup:
CAS NO. COMPOU		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
8001-35-2 Toxaphen	<u></u>	190 U

EPA SAMPLE NO.

H1Q03

Lab Name: Da	ataChem Laboratories, Inc. Contract	: (BGH-SB(2)-51)
Lab Code: D	ATAC Case No.: 36335 SAS	No.: SDG No.: H1PY8
Matrix: (soil	/water) SOIL	Lab Sample ID:
Sample wt/vol	: 30 (g/mL) g	Lab File ID:
% Moisture:	9.3398 Decanted: (Y/N)	Date Received: 5/1/2007
Extraction:		Date Extracted:
Concentrated	Extract Volume:(uL)	Date Analyzed: 5/17/2007
Injection Vol	ume: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH7.9	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg O
12674-11-2	Aroclor-1016	36{U
11104-28-2	Aroclor-1221	36 U
11141-16-5	Aroclor-1232	36 U
53469-21-9	Aroclor-1242	36 U
12672-29-6	Aroclor-1248	36 U
11097-69-1	Aroclor-1254	36 U
11096-82-5	Aroclor-1260	36 U
37324-23-5	Aroclor-1262	36 U
11100-14-4	Aroclor-1268	36 U
319-84-6	alpha-BHC	1.9 U
319-85-7	beta-BHC	1.9 ប
319-86-8	delta-BHC	1.9 U
58-89-9	gamma-BHC (Lindane)	1.90
76-44-8	Heptachlor	1.9 0
309-00-2	Aldrin	1.9 U
1024-57-3	Heptachlor epoxide	1.90
959-98-8	Endosulfan I	1.9 U
60-57-1	Dieldrin	3.6 U
72-55-9	4,4'-DDE	3.6 U
72-20-8	Endrin	3.6 U
33213-65-9	Endosulfan II	3.6 U
72-54-8	4,4'-DDD	3.6 U
1031-07-8	Endosulfan sulfate	3.6 U
50-29-3	4,4'-DDT	3.6 U
72-43-5	Methoxychlor	19 0
53494-70-5	Endrin ketone	3.6 U
7421-93-4	Endrin aldehyde	3.6 U
5103-71-9	alpha-Chlordane	1.9 U
5103-74-2	gamma-Chlordane	0.058 JP

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: Da	taChem La	boratories,	Inc. Cont	ract:	H1Q03 (BGH-SB(2)~51)
Lab Code: DA	TAC	Case No.:	36335	SAS No.:	SDG No.: H1PY8
Matrix: (soil/	water)	SOIL	-	Lab Sample ID	: 7122012017
Sample wt/vol:	30	(g/mL) <u>g</u>	-	Lab File ID:	
% Moisture:	9.3398	Decanted:	(Y/N)	Date Received	: 5/1/2007
Extraction:	(Type)			Date Extracte	d:
Concentrated E	extract Vo	lume:	(uL)	Date Analyzed	: 5/17/2007
Injection Volu	шe:	(uL)		Dilution Fact	or: <u>1</u>
GPC Cleanup:	(Y/N)		pH 7.9	Sulfur Cleanu	p:
CAS NO.	COMPOUN	TD		CONCENTRATI	
8001-35-2	Toxaphene				190 U

EPA SAMPLE NO.

Lab Name: Da	ataChem La	boratories,	Inc.	Contract	::	H1Q04 (BGH-SS(20)-51)
Lab Code: DA	ATAC	Case No.:	36335	SAS	No.:	SDG No.: H1PY8
Matrix: (soil	/water)	SOIL			Lab Sample	ID: 7122012018
Sample wt/vol					Lab File ID	_
% Moisture:			_			ed: 5/1/2007
Extraction:	(Type)				Date Extrac	ted:
Concentrated I		lume:	(1	uL)		ed: 5/17/2007
Injection Volu						ctor: 1
GPC Cleanup:						
CAS NO.	COMPOU	ND			CONCENTRA	TION UNITS:
					(ug/L or	ug/Kg) <u>ug/kg</u> Q
12674-11-2	Aroclor-1	016				35 U
11104-28-2	Aroclor-1	221				35 U
11141-16-5	Aroclor-1	232			•	35 U
53469-21-9	Aroclor-1	242			<u> </u>	35 U
12672-29-6	Aroclor-1	248				35 U
11097-69-1	Aroclor-1	254				35 U
11096-82-5	Aroclor-1	260				35 U
37324-23-5	Aroclor-1	262				35 U
11100-14-4	Aroclor-1	268				35 U
319-84-6	alpha-BHC					1.8 U
319-85-7	beta-BHC			·		1.8 U
319-86-8	delta-BHC		-			1.8 U
58-89-9	gamma-BHC	(Lindane)				1.8 U
76-44-8	Heptachlo					1.8 U
309-00-2	Aldrin					1.8 U
1024-57-3	Heptachlo	r epoxide			<u> </u>	1.8 U
959-98-8	Endosulfa				-	1.8 U
60-57-1	Dieldrin		,			3.5 U
72-55-9	4,4'-DDE					3.5 U
72-20-8	Endrin	_				3.5 U
33213-65-9	Endosulfa	n II				3.5 U
72-54-8	4,4'-DDD				_	3.5 U
1031-07-8	Endosulfa	n sulfate				3.5 U
50-29-3	4,4'-DDT					3.5 U
72-43-5	Methoxych	lor				18 U
53494-70-5	Endrin ke					3.5 U
7421-93-4	Endrin al	dehyde				3.5 U
5103-71-9	alpha-Chl	ordane				1.8 U
5103-74-2	gamma-Chl	ordane				1.8 U

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem L	aboratories,	Inc. Con	H1Q04 (BGH-SS(20)-51)
Lab Code:	DATAC	Case No.:	36335	SAS No.: SDG No.: H1PY8
Matrix: (so	oil/water)	SOIL	_	Lab Sample ID: 7122012018
Sample wt/v	rol: 30	(g/mL) g	_	Lab File ID:
% Moisture:	5.2529	Decanted:	(Y/N) ·	Date Received: 5/1/2007
Extraction:	(Type)			Date Extracted:
Concentrate	ed Extract V	olume:	(uL)	Date Analyzed: 5/17/2007_
Injection V	/olume:	(uL	ı)	Dilution Factor: 1
GPC Cleanup): (Y/N)		pH 9.4	Sulfur Cleanup:
CAS NO.	COMPO	UND		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
9001-35-2	Toyanher	16		180 U

EPA SAMPLE NO.

Lab Name:	DataChem L	aboratories,	Inc.	Contract:		H1Q0: (BGH-SS(2	
Lab Code:	DATAC	Case No.:	36335	SAS No.	:	SDG No.: H	.PY8
Matrix: (so	il/water)	SOIL	_	La	b Sample ID:	71220120	19
Sample wt/v	rol: 30	(g/mL) <u>g</u>	_	La	b File ID:		
% Moisture:	5.12	Decanted:	(Y/N)	Da	te Received:	5/1/2007	
Extraction:	(Type)			Da	te Extracted	·	_
Concentrate	ed Extract V	olume:	(u)	L) Da	te Analyzed:	5/17/2007	<u></u>
Injection V	olume:	(uL	١.	Di	lution Facto	r: <u>1</u>	-
GPC Cleanup	: (Y/N)		pH 9	<u>. 2</u> Su	lfur Cleanup	:	-
CAS NO.	COMPO	UND			CONCENTRATIO	ON UNITS:	
					(ug/L or ug/	'Kg) <u>ug/kg</u>	. Q
12674-11-2	Aroclor-	1016				35	U
11104-28-2	Aroclor-	1221				35	ט
11141-16-5	Aroclor-	1232				35	υ
53469-21-9	Aroclor-	1242				35	U
12672-29-6	Aroclor-	1248				35	U
11097-69-1	Aroclor-	1254				35	
11096-82-5	Aroclor-	1260				35	ט
37324-23-5	Aroclor-	1262			· · · · ·	35	บ
11100-14-4	Aroclor-	1268				35	υ
319-84-6	alpha-BH	IC .				1.8	Ū
319-85-7	beta-BHC	:				0.1	JP
319-86-8	delta-BH	iC				1.8	U
58-89-9	gamma-BH	C (Lindane)				1.8	υ
76-44-8	Heptachl	or				1.8	U
309-00-2	Aldrin					1.8	U
1024-57-3	Heptachl	or epoxide				1.8	U
959-98-8	Endosulf	an I				1.8	U
60-57-1	Dieldrin	l .				3.5	Ū
72-55-9	4,4'-DDE					3.5	Ŭ
72-20-8	Endrin					3.5	υ
33213-65-9	Endosulf	an II				3.5	υ
72-54-8	4,4'-DDD)				3.5	U
1031-07-8	. Endosulf	an sulfate				3.5	U
50-29-3	4,4'-DDT					3.5	U
72-43-5	Methoxyo	hlor				18	U
53494-70-5	Endrin k	etone				3.5	U
7421-93-4	Endrin a	ldehyde				3.5	U
5103-71-9	alpha-Ch	lordane				1.8	บ
5102 74 2	gamma Ch	lordano				1.0	

Form I Pest (e-form)

OLM04.3

1E (e-form)
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem L	aboratories, Inc.	Contract: (BGH-SS(20)-57)
Lab Code: DATAC	Case No.: 36335	SAS No.: SDG No.: H1PY8
Matrix: (soil/water)	SOIL	Lab Sample ID: 7122012019
Sample wt/vol: 30	(g/mL) <u>g</u>	Lab File ID:
% Moisture:5.12	Decanted: (Y/N)	Date Received: 5/1/2007
Extraction: (Type)		Date Extracted:
Concentrated Extract \	Volume:(u	L) Date Analyzed: 5/17/2007
Injection Volume:	(uL)	Dilution Factor: 1
GPC Cleanup: (Y/N)	pH	.2 Sulfur Cleanup:
CAS NO. COMPO	DUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
8001-35-2 Toxaphe	ne	180 U

EPA SAMPLE NO.

н1006

OLM04.3

Lab Name: Da	taChem Laboratories, Inc. Contract:	(BGH-SS(22	2)-51)
Lab Code: DA	TAC Case No.: 36335 SAS No.	.: SDG No.: H1	PY8
Matrix: (soil/	water) SOIL La	b Sample ID: 71220120	20
Sample wt/vol:	30 (g/mL) <u>g</u> La	b File ID:	
% Moisture:	15.595 Decanted: (Y/N) Da	te Received: <u>5/1/2007</u>	
		te Extracted:	
Concentrated E	Extract Volume:(uL) Da	te Analyzed: <u>5/17/2007</u>	
Injection Volu	me:(uL) Di	lution Factor: 1	
GPC Cleanup:	(Y/N) pH <u>9.1</u> Su	lfur Cleanup:	
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg	Q
12674-11-2	Aroclor-1016	39	บ
	Aroclor-1221	39	ũ
	Aroclor-1232	39	υ
	Aroclor-1242	39	Ü
12672-29-6	Aroclor-1248	39	U
11097-69-1	Aroclor-1254	39	Ū
11096-82-5	Aroclor-1260	39	Ü
	Aroclor-1262	39	U
11100-14-4	Aroclor-1268	39	Ū
319-84-6	alpha-BHC	2	Ŭ
319-85-7	beta-BHC	0.075	JP
319-86-8	delta-BHC	2	
58-89-9	gamma-BHC (Lindane)	2	
76-44-8	Heptachlor	2	ט
309-00-2	Aldrin	. 2	ט
1024-57-3	Heptachlor epoxide	0.054	J
959-98-8	Endosulfan I	2	
60-57-1	Dieldrin	3.9	U
72-55-9	4,4'-DDE	3.9	U
72-20-8	Endrin	3.9	U
33213-65-9	Endosulfan II	3.9	
72-54-8	4,4'-DDD	3.9	
1031-07-8	Endosulfan sulfate	3.9	
50-29-3	4,4'-DDT	3.9	
	Methoxychlor	20	
53494-70-5	Endrin ketone	3.9	
7421-93-4	Endrin aldehyde	3.9	
5103-71-9	alpha-Chlordane	2	
5103-74-2	gamma-Chlordane	2	U

Form I Pest (e-form)

1E (e-form)
PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem L	aboratories,	Inc.	Contract	·	H1Q06 (BGH-SS(22)-51)
Lab Code:	DATAC	Case No.:	36335	SAS	No.:	SDG No.: H1PY8
Matrix: (so	il/water)	SOIL	_		Lab Sample ID	: 7122012020
Sample wt/v	ol: <u>30</u>	(g/mL) g			Lab File ID:	
% Moisture:	15.595	Decanted:	(Y/N)		Date Received	: 5/1/2007
Extraction:	(Type)				Date Extracte	d:
Concentrate	d Extract V	olume:	(1	ıL)	Date Analyzed	: 5/17/2007
Injection Vo	olume:	(uL)		Dilution Fact	or: <u>1</u>
GPC Cleanup	: (Y/N)		9 На	9.1	Sulfur Cleanu	p:
CAS NO.	COMPO	IND			CONCENTRATI	
					(ug/L or ug	/Kg) ug/kg Q
8001-35-2	Toxapher	e				200 U

EPA SAMPLE NO.

H1Q07

Lab Name: D	ataChem Labora	tories,	Inc.	Cont	ract:		(BGH-SF(0.	5)-72)
	ATAC Cas						SDG No.: H1	PY8
Matrix: (soil	/water) SOI	L	_		1	ab Sample ID:	71220120	21
Sample wt/vol	.: <u>30</u> (g/	mL) g	_		I	ab File ID:		
% Moisture:	10.152 Dec	anted:	(Y/N)			ate Received:	5/1/2007	
Extraction:	(Туре)				I	ate Extracted	i:	
Concentrated	Extract Volume	e: _		(uL)	Γ	ate Analyzed:	5/17/2007	·
Injection Vol	.ume:	(uL)			r	ilution Facto	or: <u>1</u>	
GPC Cleanup:	(Y/N) _		pH _	8.3	S	Sulfur Cleanup):	
CAS NO.	COMPOUND					CONCENTRATIO	ON UNITS: /Kg) <u>ug/kg</u>	Q
12674-11-2	Aroclor-1016					Т	37	U
11104-28-2	Aroclor-1221						37	
11141-16-5	Aroclor-1232					-	37	
53469-21-9	Aroclor-1242						37	U
12672-29-6	Aroclor-1248					 	37	U
11097-69-1	Aroclor-1254					1	37	U
11096-82-5	Aroclor-1260					1	37	Ū
37324-23-5	Aroclor-1262						37	Ü
11100-14-4	Aroclor-1268						37	U
319-84-6	alpha-BHC						1.9	U
319-85-7	beta-BHC						1.9	U
319-86-8	delta-BHC						0.58	JР
58-89-9	gamma-BHC (L:	indane)		•			1.9	U
76-44-8	Heptachlor						1.9	U
309-00-2	Aldrin						1.9	U
1024-57-3	Heptachlor e	poxide					1.9	U
959-98-8	Endosulfan I			_		T	0.04	JР
60-57-1	Dieldrin					I	0.51	JP
72-55-9	4,4'-DDE			•			5	P
72~20-8	Endrin						0.3	JP
33213-65-9	Endosulfan II					1	0.55	J
72-54-8	4,4'-DDD						0.17	
1031-07-8	Endosulfan sı	ılfate					3.7	U
50-29-3	4,4'-DDT						5.2	
72-43-5	Methoxychlor						1.8	J
53494-70-5	Endrin ketone	•					3.7	ប
7421-93-4	Endrin aldeh	/de					3.7	
5103-71-9	alpha-Chlord	ane					0.54	
5103-74-2	gamma-Chlorda	ane				1	1	J

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Concentrated Extract Vo		(uL)	Date Analyzed	
Injection Volume: GPC Cleanup: (Y/N)	(uL)	рн 8.3	Dilution Fact Sulfur Cleanu	
CAS NO. COMPOU	IN D		CONCENTRAT	ION UNITS: g/Kg) <u>ug/kg</u> Q
8001-35-2 Toxaphen	e			190 U

EPA SAMPLE NO.

Lab Name: [DataChem Laboratories, Inc. Con	H1Q08 (BGH-SB(2)-72)
		SAS No.: SDG No.: H1PX7
Matrix: (soil	(water) SOIL	Lab Sample ID: 7122008001
	30 (g/mL) g	Lab File ID:
% Moisture:	14.24 Decanted: (Y/N)	
Extraction:	(Type)	Date Extracted:
Concentrated E	Extract Volume:(uL)	Date Analyzed: 5/18/2007
Injection Volu	me:(uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>9.1</u>	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	38 U
11104-28-2	Aroclor-1221	38 U
11141-16-5	Aroclor-1232	38 U
53469-21-9	Aroclor-1242	38 U
12672-29-6	Aroclor-1248	38 U
11097-69-1	Aroclor-1254	38 U
11096-82-5	Aroclor-1260	38 U
37324-23-5	Aroclor-1262	38 U
11100-14-4	Aroclor-1268	38 U
319-84-6	alpha-BHC	2 U
319-85-7	beta-BHC	0.083 JP
319-86-8	delta-BHC	2 U
58-89-9	gamma-BHC (Lindane)	2 U
76-44-8	Heptachlor	2 U
309-00-2	Aldrin	2 U
1024-57-3	Heptachlor epoxide	2 U
959-98-8	Endosulfan I	2 U
60-57-1	Dieldrin	3.8 U
72-55-9	4,4'-DDE	3.8 U
72-20-8	Endrin	3.8 U
33213-65-9	Endosulfan II	3.8 U
72-54-8	4,4'-DDD	3.8 U
1031-07-8	Endosulfan sulfate	3.8 U
50-29-3	4,4'-DDT	3.8 U
72-43-5	Methoxychlor	20 U
53494-70-5	Endrin ketone	3.8 U
7421-93-4	Endrin aldehyde	3.8 U
5103-71-9	alpha-Chlordane	2 U
5103-74-2	gamma-Chlordane	2 U

Form I Pest (e-form) .

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	ataChem L	aboratories,	Inc.	Contra	act:		H1(BGH-SB	208 (2)-72)
Lab Code: D	ATAC	Case No.:	36335	5	AS No.:		SDG No.:	н1РХ7
Matrix: (soil/	/water)	SOIL	_		Lab S	Sample ID:	712200	8001
Sample wt/vol:	30	(g/mL) <u>g</u>	_		Lab E	File ID:		
% Moisture:	14.24	Decanted:	(Y/N)		Date	Received:	05/01/	2007
Extraction:	(Type)				Date	Extracted	:	
Concentrated E	Extract Vo	olume:	(1	uL)	Date	Analyzed:	5/18/20	07
Injection Volu	ıme:	(uL)			Dilut	ion Facto	r: <u>1</u>	_ -
GPC Cleanup:	(Y/N)		рН _	9.1	Sulfu	ır Cleanup	·	
CAS NO.	COMPOU	ND				NCENTRATIO		ca O
8001-35-2	Toxapher	ne					2	00 U

EPA SAMPLE NO.

Lab Name:	DataChem L	aboratories,	Inc.	Contract:		H1Y (BGH-SF(0	
Lab Code:	DATAC	Case No.:	36335	SAS I	No.:	SDG No.:	H1PX7
Matrix: (soi	l/water)	SOIL	_		Lab Sample ID:	7122008	002
Sample wt/vo	1: 30	(g/mL) g	_		Lab File ID:		
% Moisture:	10.372	Decanted:	(Y/N)		Date Received:	05/01/2	007
Extraction:	(Type)				Date Extracted	d:	
Concentrated	Extract Vo	lume:	(uI	٦)	Date Analyzed:	5/18/200	7
Injection Vo	lume:	(uL)			Dilution Facto	or: 10	_
GPC Cleanup:	(Y/N)		рн 8.	<u>. 6</u>	Sulfur Cleanur):	_
CAS NO.	СОМРОИЛ	NTD			CONCENTRATIO	ON UNITS:	
					(ug/L or ug	/Kg) ug/kg	_ Q
12674-11-2	Aroclor-	1016				37	U U
11104-28-2	Aroclor-	1221				37	υ
11141-16-5	Aroclor-	1232				37	0 U

12674-11-2	Aroclor-1016 3	70	U
11104-28-2	Aroclor-1221 3	70	Ū
11141-16-5	Aroclor-1232 3	70	U
53469-21-9	Aroclor-1242 3	70	U
12672-29-6	Aroclor-1248	70	U
11097-69-1	Aroclor-1254 3	70	U
11096-82-5	Aroclor-1260	70	Ū
37324-23-5	Aroclor-1262	70	U
11100-14-4	Aroclor-1268 37	70	U
319-84-6	alpha-BHC	.9	U
319-85-7	beta-BHC 1	9	U
319-86-8	delta-BHC 1	9	U
58-89-9	gamma-BHC (Lindane)	.9	U
76-44-8	Heptachlor	9	U
309-00-2	Aldrin	9	Ū
1024-57-3	Heptachlor epoxide	.9	Ü
959-98-8	Endosulfan I	.9	Ü
60-57-1	Dieldrin	17	U
72-55-9	4,4'-DDE	2	J
72-20-8	Endrin 3	37	U
33213-65-9	Endosulfan II	7	U
72-54-8	4,4'-DDD 2.	7	JP
1031-07-8	Endosulfan sulfate	17	U
50-29-3	4,4'-DDT 14	0	
72-43-5	Methoxychlor 19	0	U
53494-70-5	Endrin ketone	7	Ü
7421-93-4	Endrin aldehyde	4	J
5103-71-9		9	Ū
5103-74-2	gamma-Chlordane 1.	4	JP

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:DataCh	nem Laboratories, Ind	c. Contract:		H1YC7 (BGH-SF(0.5)-69)
Lab Code: DATAC	Case No.: 363	35 SAS N	No.:	SDG No.: H1PX7
Matrix: (soil/water	s) SOIL		Lab Sample ID:	7122008002
Sample wt/vol: 30	(g/mL) <u>g</u>		Lab File ID:	
% Moisture: 10.3	72 Decanted: (Y/	/N)	Date Received:	05/01/2007
Extraction: (Type	e)		Date Extracted	:
Concentrated Extra	ct Volume:	(uL)	Date Analyzed:	5/18/2007
Injection Volume:	(uL)		Dilution Facto	r: <u>10</u>
GPC Cleanup: ((N)pH	8.6	Sulfur Cleanup	·
CAS NO. CC	MPOUND		CONCENTRATIO	ON UNITS: /Kg) ug/kg Q
8001-35-2 Tox	aphene			1900 ປ

EPA SAMPLE NO.

Lab Name: Da	taChem Laboratories,	Inc. Cont	ract:	H1YC (BGH-SB(2	
	TAC Case No.:			SDG No.: H	1PX7
	vater) SOIL		Lab Sample ID		
	30 (g/mL) g		Lab File ID:		
% Moisture:	6.9307 Decanted:				07
Extraction: (Туре)		Date Extracte	d:	_
Concentrated Ex	tract Volume:	(uL)			
Injection Volum	ne:(uL)		Dilution Fact	or: <u>1</u>	
GPC Cleanup:	(Y/N)	рн <u>9.2</u>	Sulfur Cleanu	p:	
CAS NO.	COMPOUND		CONCENTRAT		
			(ug/L or ug	/Kg) ug/kg	Q
12674-11-2	Aroclor-1016			35	U
11104-28-2	Aroclor-1221			35	U
11141-16-5	Aroclor-1232			35	U
53469-21-9	Aroclor-1242			35	U
12672-29-6	Aroclor-1248		-	35	U
11097-69-1	Aroclor-1254			35	U
11096-82-5	Aroclor-1260		- 	35	U
37324-23-5	Aroclor-1262		<u> </u>	35	Ü
	Aroclor-1268			35	U
319-84-6	alpha-BHC			18	
	beta-BHC	*		18	Ü
319-86-8	delta-BHC			18	U
58-89-9	gamma-BHC (Lindane)			18	Ū
76-44-8	Heptachlor			18	U
	Aldrin			0.36	JP
1024-57-3	Heptachlor epoxide	-		18	_
	Endosulfan I			18	U
60-57-1	Dieldrin			35	Ü
72-55-9	4,4'-DDE			210	
72-20-8	Endrin			35	U
33213-65-9	Endosulfan II			1.3	JP
72-54-8	4,4'-DDD	-		17	JP
1031-07-8	Endosulfan sulfate			35	Ū
50-29-3	4,4'-DDT		 	990	E
72-43-5	Methoxychlor			10	JP
	Endrin ketone			5.2	JP
7421~93-4	Endrin aldehyde			35	U
	alpha-Chlordane		 	18	U
5103-74-2	gamma-Chlordane			. 18	U

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem Laboratories, Inc. Contrac	H1YC8 (BGH-SB(2)-69)
	S No.: SDG No.: H1PX7
hab code.	Lab Sample ID: 7122008003
Matrix: (soil/water) SOIL	Dan Sample 15. 7122006003
Sample wt/vol: 30 (g/mL) g	Lab File ID:
% Moisture: 6.9307 Decanted: (Y/N)	Date Received: 05/01/2007
Extraction: (Type)	Date Extracted:
Concentrated Extract Volume: (uL)	Date Analyzed: 5/18/2007
Injection Volume: (uL)	Dilution Factor: 1
GPC Cleanup: (Y/N) pH 9.2	Sulfur Cleanup:
CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
8001-35-2 Toxaphene	1800 U

EPA SAMPLE NO.

Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PX7 Matrix: (soil/water) SOIL Lab Sample ID: 7122008004 Sample wt/vol: 30 (g/mL) g Lab File ID: % Moisture: 8.5859 Decanted: (Y/N) Date Received: 05/01/2007
Sample wt/vol: 30 (g/mL) g Lab File ID:
Sample wt/vol: 30 (g/mL) g Lab File ID:
% Moisture: 8.5859 Decanted: (Y/N) Date Received: 05/01/2007
Extraction: (Type) Date Extracted:
Concentrated Extract Volume: (uL) Date Analyzed: 5/18/2007
Injection Volume: (uL) Dilution Factor: 1
GPC Cleanup: (Y/N) pH <u>8.1</u> Sulfur Cleanup:
CAS NO. COMPOUND CONCENTRATION UNITS:
(ug/L or ug/Kg) ug/kg Q
12674-11-2 Aroclor-1016 36 U
11104-28-2 Aroclor-1221 36 U
11141-16-5 Aroclor-1232 36 U
53469-21-9 Aroclor-1242 36 U
12672-29-6 Aroclor-1248 36 U
11097-69-1 Aroclor-1254 36 U
11096-82-5 Aroclor-1260 36 U
37324-23-5 Aroclor-1262 36 U
11100-14-4 Aroclor-1268 36 U
319-84-6 alpha-BHC 1.9 U
319-85-7 beta-BHC 1.9 U
319-86-8 delta-BHC 200 EP
58-89-9 gamma-BHC (Lindane) 1.9 U
76-44-8 Heptachlor 1.9 U
309-00-2 Aldrin 1.9 U
1024-57-3 Heptachlor epoxide 0.27 JP
959-98-8 Endosulfan I 1.9 U
60-57-1 Dieldrin 1.6 J
72-55-9 4.4'-DDE 18 P
72-20-8 Endrin 0.21 JP
33213-65-9 Endosulfan II 0.76 JP
72-54-8 4,4'-DDD 1.1 JP
1031-07-8 Endosulfan sulfate 3.6 U
50-29-3 4,4'-DDT 80 E
72-43-5 Methoxychlor 1.2 JP
53494-70-5 Endrin ketone 3.6 U
7421-93-4 Endrin aldehyde 1.7 JP
5103-71-9 alpha-Chlordane 1.9 U
5103-74-2 gamma-Chlordane 1.4 J

Form I Pest (e-form)

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem Laboratorie	s, Inc. Cont	ract: (BGH-SF(0.5)-71)
Lab Code: DATAC Case No.:	36335	SAS No.: SDG No.: H1PX7
Matrix: (soil/water) SOIL		Lab Sample ID:
Sample wt/vol: 30 (g/mL) g	<u></u>	Lab File ID:
% Moisture: 8.5859 Decanted:	(Y/N)	Date Received: 05/01/2007
Extraction: (Type)		Date Extracted:
Concentrated Extract Volume:	(uL)	Date Analyzed: 5/18/2007
Injection Volume:(u	L)	Dilution Factor: 1
GPC Cleanup: (Y/N)	рн <u>8.1</u>	Sulfur Cleanup:
CAS NO. COMPOUND		CONCENTRATION UNITS: (ug/L or ug/kg) ug/kg Q
8001-35-2 Toxaphene		190 U

EPA SAMPLE NO.

Lab Name:	DataChem Laboratories,	Inc. Cont	ract:	H1YD (BGH-SB(2)	
Lab Code:	DATAC Case No.:	36335	SAS No.:	SDG No.: H	1PX7
Matrix: (soi	l/water) SOIL	_	Lab Sample ID	71220080	05
Sample wt/vo	1: 30 (g/mL) g	<u> </u>	Lab File ID:		
% Moisture:	9.707 Decanted:	(Y/N)	Date Received	05/01/20	07_
Extraction:	(Type)		Date Extracted	1:	
Concentrated	Extract Volume:	(uL)	Date Analyzed	5/18/2007	_
Injection Vo	lume:(uL)	_	Dilution Facto	or: 1	
		pH <u>7.2</u>			
CAS NO.	COMPOUND		CONCENTRATI	ON UNITS:	
	•		(ug/L or ug	/Kg) <u>ug/kg</u>	Q
12674-11-2	Aroclor-1016			37	U
11104-28-2	Aroclor-1221			37	U
11141-16-5	Aroclor-1232			37	U
53469-21-9	Aroclor-1242			37	U
12672-29-6	Aroclor-1248			37	U
11097-69-1	Aroclor-1254			37	U
11096-82-5	Aroclor-1260			51	
37324-23-5	Aroclor-1262			37	<u> </u>
11100-14-4	Aroclor-1268			37	U
319-84-6	alpha-BHC			1.9	- ט
319-85-7	beta-BHC			1.9	U
319-86-8	delta-BHC			84	EP
58-89-9	gamma-BHC (Lindane)			1.9	U ·
76-44-8	Heptachlor			1.9	U
309-00-2	Aldrin			1.9	U
1024-57-3	Heptachlor epoxide			0.26	JP
959-98-8	Endosulfan I			1.9	U
60-57-1	Dieldrin			1.1	JP
72-55-9	4,4'-DDE			3.5	JP
72-20-8	Endrin			0.9	J
33213-65-9	Endosulfan II			0.47	JP
72-54-8	4,4'-DDD			3.7	U
1031-07-8	Endosulfan sulfate			3.7	U
50-29-3	4,4'-DDT			4.5	P
72-43-5	Methoxychlor			0.92	
53494-70-5	Endrin ketone			3.7	
7421-93-4	Endrin aldehyde			0.75	
5103-71-9	alpha-Chlordane			1.9	
5103-74-2	gamma-Chlordane			0.84	JP

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataC	hem Laboratories, Inc. Contrac	H1YD0 (BGH-SB(2)-71)
Lab Code: DATAC	Case No.: 36335 SA	AS No.: SDG No.: H1PX7
Matrix: (soil/wate	er) SOIL	Lab Sample ID: 7122008005
Sample wt/vol: 3	0(g/mL) <u>g</u>	Lab File ID:
% Moisture: 9.	707 Decanted: (Y/N)	Date Received:05/01/2007
Extraction: (Typ	e)	Date Extracted:
Concentrated Extra	ct Volume:(uL)	Date Analyzed: 5/18/2007
Injection Volume:	{uL}	Dilution Factor: 1
GPC Cleanup: (Y/N) pH	Sulfur Cleanup:
CAS NO. CO	OMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
8001-35-2 Tox	aphene	190 U

EPA SAMPLE NO.

Lab Name: DataChem Laboratories, Inc. Contract: (EGR-SF (U. 5) 1-93) Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: H1PX7 Matrix: (soil/water) SOIL Lab Sample ID: 7122008006 Sample wt/vol: 30 (g/mL) g Lab File ID: % Moisture: 4.7706 Decanted: (Y/N) Date Received: 05/01/2007 Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/18/2007 Injection Volume: (uL) Date Analyzed:	Lab Name: I	ataChem Laboratories. I	Inc. Contract:		H1YD (BGH-SF(0.	_
Matrix: (soil/water) SOIL Lab Sample ID: 7122008006 Sample wt/vol: 30 (g/mL) g Lab File ID: % Moisture: 4.7706 Decanted: (Y/N) Date Received: 05/01/2007 Extraction: (Type) Date Extracted:					SDG No.: H	1 PX7
Sample wt/vol: 30	-					
% Moisture: 4.7706 Decanted: (Y/N) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/18/2007 Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 9 Sulfur Cleanup: CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 12674-11-2 Aroclor-1221 35 U 1114-16-5 Aroclor-1232 35 U 112672-29-6 Aroclor-1248 35 U 12672-29-6 Aroclor-1254 35 U 11097-69-1 Aroclor-1254 35 U 11097-69-1 Aroclor-1262 35 U 11098-69-5 Aroclor-1262 35 U 1100-14-4 Aroclor-1268 35 <t< td=""><td></td><td></td><td></td><td>_</td><td></td><td>00</td></t<>				_		00
Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/18/2007				Lab File ID:		
Date Analyzed: 5/18/2007 Injection Volume:	% Moisture:	4.7706 Decanted: (Y/N)	Date Received:	05/01/20	07
Correction Volume:	Extraction:	(Type)	1	Date Extracted	:	
CAS NO. COMPOUND PH 9 Sulfur Cleanup:	Concentrated E	xtract Volume:	(uL)	Date Analyzed:	5/18/2007	
CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q	Injection Volu	me:(uL)	ı	Dilution Facto	r: <u>1</u>	
Residue	GPC Cleanup:	(N/Y)	н	Sulfur Cleanup	:	
12674-11-2	CAS NO.	COMPOUND		CONCENTRATIO	N UNITS:	
11104-28-2 Aroclor-1221 35 U 11141-16-5 Aroclor-1232 35 U 53469-21-9 Aroclor-1242 35 U 12672-29-6 Aroclor-1248 35 U 11097-69-1 Aroclor-1254 35 U 11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 11100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 0.1 JP 319-86-8 delta-BHC 2.6 P 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 959-98-8 Endosulfan I 1.8 U 959-98-8 Endosulfan I 0.3 JP 72-55-9 4.4'-DDE 1.5 JP 72-20-8 Endosulfan II 0.09 JP 72-54-8 4.4'-DDD 0.13 JP 1031-07-8 Endosulfan sulfate 3.5 U 50-29-3 4.4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP				(ug/L or ug/	Kg) ug/kg	Q
11141-16-5	12674-11-2	Aroclor-1016			35	U
S3469-21-9 Aroclor-1242 35 U 12672-29-6 Aroclor-1248 35 U 11097-69-1 Aroclor-1254 35 U 11097-69-1 Aroclor-1260 35 U 11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 319-84-6 alpha-BHC 35 U 319-84-6 alpha-BHC 319-85-7 beta-BHC 0.1 JP 319-86-8 delta-BHC 2.6 P 58-89-9 gamma-BHC (Lindane) 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor 1.8 U 1024-57-3 Heptachlor 1.8 U 1024-57-3 Heptachlor 1.8 U	11104-28-2	Aroclor-1221		 	35	U
53469-21-9 Aroclor-1242 35 U 12672-29-6 Aroclor-1248 35 U 11097-69-1 Aroclor-1254 35 U 11097-69-1 Aroclor-1260 35 U 11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 11100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 0.1 JP 319-86-8 delta-BHC 2.6 P 58-89-9 gamma-BHC (Lindane) 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 1.8 U 1024-57-3 Heptachlor 1.8 U 1.	11141-16-5	Aroclor-1232		 	35	Ü
12672-29-6 Aroclor-1248 35 U 11097-69-1 Aroclor-1254 35 U 11097-69-1 Aroclor-1254 35 U 11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 3100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 0.1 JP 319-86-8 delta-BHC 2.6 P 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 959-98-8 Endosulfan I 1.8 U 60-57-1 Dieldrin 0.3 JP 72-55-9 4,4'-DDE 1.5 JP 72-20-8 Endrin 32313-65-9 Endosulfan II 0.09 JP 72-54-8 4,4'-DDD 0.13 JP 1031-07-8 Endosulfan sulfate 3.5 U 50-29-3 4,4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U				T	35	Ü
11097-69-1 Aroclor-1254 35 U 11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 11100-14-4 Aroclor-1268 35 U 11100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 0.1 JP 319-86-8 delta-BHC 2.6 P 58-89-9 gamma-BHC (Lindane) 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor 1.8 U 1024-57-3 Heptachlor 1.8 U 1.					35	Ü
11096-82-5 Aroclor-1260 35 U 37324-23-5 Aroclor-1262 35 U 11100-14-4 Aroclor-1268 35 U 11100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 0.1 JP 319-86-8 delta-BHC 2.6 P 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 309-00-2 Aldrin 1.8 U 959-98-8 Endosulfan I 1.8 U 60-57-1 Dieldrin 0.3 JP 72-55-9 4.4'-DDE 1.5 JP 72-20-8 Endosulfan I 0.09 JP 72-54-8 4.4'-DDD 0.13 JP 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U 5103-71-9 alpha-Chlordane 1.8 U 5103-71-9 alpha-Chlordane 1.8 U 5103-71-9 355 U 5103-71-9 3105 Chlordane 3.5 U 5103-71						
37324-23-5 Aroclor-1262 35 U				 		U
11100-14-4 Aroclor-1268 35 U 319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 0.1 JP 319-86-8 delta-BHC 2.6 P 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 60-57-1 Dieldrin 0.3 JP 72-55-9 4.4'-DDE 1.5 JP 72-20-8 Endrin 0.27 JP 33213-65-9 Endosulfan II 0.09 JP 72-54-8 4.4'-DDD 0.13 JP 1031-07-8 Endosulfan sulfate 3.5 U 50-29-3 4.4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U					35	U
319-84-6 alpha-BHC 1.8 U 319-85-7 beta-BHC 0.1 JP 319-86-8 delta-BHC 2.6 P 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 1.8 U						
319-85-7 Deta-BHC 0.1 JP 319-86-8 delta-BHC 2.6 P 58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 1024-57-3 Heptachlor 1.8 U 959-98-8 Endosulfan I 1.8 U 0.57-1 Dieldrin 0.3 JP 1.5 JP						
319-86-8 delta-BHC 2.6 P						
58-89-9 gamma-BHC (Lindane) 1.8 U 76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 959-98-8 Endosulfan I 1.8 U 60-57-1 Dieldrin 0.3 JP 72-55-9 4.4'-DDE 1.5 JP 72-20-8 Endosulfan II 0.27 JP 33213-65-9 Endosulfan II 0.09 JP 72-54-8 4.4'-DDD 0.13 JP 1031-07-8 Endosulfan sulfate 3.5 U 50-29-3 4.4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U						
76-44-8 Heptachlor 1.8 U 309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 60-57-1 Dieldrin 0.3 JP 72-55-9 4.4'-DDE 1.5 JP 72-20-8 Endrin 0.27 JP 33213-65-9 Endosulfan II 0.09 JP 72-54-8 4.4'-DDD 0.13 JP 1031-07-8 Endosulfan sulfate 3.5 U 50-29-3 4.4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U						
309-00-2 Aldrin 1.8 U 1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 060-57-1 Dieldrin 0.3 JP 72-55-9 4.4'-DDE 1.5 JP 72-20-8 Endosulfan II 0.27 JP 33213-65-9 Endosulfan II 0.09 JP 72-54-8 4.4'-DDD 0.13 JP 1031-07-8 Endosulfan sulfate 3.5 U 50-29-3 4.4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U 5103-71-9 alpha-Chlordane 1.8 U 5103-71-9						
1024-57-3 Heptachlor epoxide 1.8 U 959-98-8 Endosulfan I 1.8 U 60-57-1 Dieldrin 0.3 JP 72-55-9 4,4'-DDE 1.5 JP 72-20-8 Endrin 0.27 JP 33213-65-9 Endosulfan II 0.09 JP 72-54-8 4,4'-DDD 0.13 JP 1031-07-8 Endosulfan sulfate 3.5 U 50-29-3 4,4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U						_
959-98-8 Endosulfan I 1.8 U 60-57-1 Dieldrin 0.3 JP 72-55-9 4,4'-DDE 1.5 JP 72-20-8 Endrin 0.27 JP 33213-65-9 Endosulfan II 0.09 JP 72-54-8 4,4'-DDD 0.13 JP 1031-07-8 Endosulfan sulfate 3.5 U 50-29-3 4,4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U						
60-57-1 Dieldrin 0.3 JP 72-55-9 4.4'-DDE 1.5 JP 72-20-8 Endrin 0.27 JP 33213-65-9 Endosulfan II 0.09 JP 72-54-8 4.4'-DDD 0.13 JP 1031-07-8 Endosulfan sulfate 3.5 U 50-29-3 4.4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U	959-98-8					
72-20-8 Endrin 0.27 JP 33213-65-9 Endosulfan II 0.09 JP 72-54-8 4,4'-DDD 0.13 JP 1031-07-8 Endosulfan sulfate 3.5 U 50-29-3 4,4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U						
72-20-8 Endrin 0.27 JP 33213-65-9 Endosulfan II 0.09 JP 72-54-8 4,4'-DDD 0.13 JP 1031-07-8 Endosulfan sulfate 3.5 U 50-29-3 4,4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U	72-55-9	4.4'-DDE			1.5	JP
33213-65-9 Endosulfan II 0.09 JP 72-54-8 4,4'-DDD 0.13 JP 1031-07-8 Endosulfan sulfate 3.5 U 50-29-3 4,4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U 1.	72-20-8				0.27	JР
1031-07-8 Endosulfan sulfate 3.5 U 50-29-3 4.4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U		Endosulfan II			0.09	JP
50-29-3 4,4'-DDT 2.4 J 72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U	72-54-8	4,4'-DDD			0.13	JР
72-43-5 Methoxychlor 0.52 JP 53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U	1031-07-8	Endosulfan sulfate			3.5	U
53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U	50-29-3	4,4'-DDT			2.4	J
53494-70-5 Endrin ketone 0.61 JP 7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U	72-43-5	Methoxychlor			0.52	JP
7421-93-4 Endrin aldehyde 3.5 U 5103-71-9 alpha-Chlordane 1.8 U	53494-70-5				0.61	JP
5103-71-9 alpha-Chlordane 1.8 U		Endrin aldehyde				
5103-74-2 gamma-Chlordane 0.27 JP	5103-71-9					

Form I Pest (e-form)

1E (e-form)

PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:DataCh	nem Laboratories, Inc. Cont	H1YD1 (BGH-SF(0.5)-65)
Lab Code:DATAC	Case No.: 36335	SAS No.: SDG No.: H1PX7
Matrix: (soil/water	SOIL	Lab Sample ID: 7122008006
Sample wt/vol: 30	(g/mL) <u>g</u> _	Lab File ID:
% Moisture: <u>4.77</u>	06 Decanted: (Y/N)	Date Received: 05/01/2007
Extraction: (Type	e)	Date Extracted:
Concentrated Extra	ct Volume:(uL)	Date Analyzed: 5/18/2007
Injection Volume:	(uL)	Dilution Factor: 1
GPC Cleanup: (Y	(/N) pH9	Sulfur Cleanup:
CAS NO. CO	MPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
8001-35-2 Toxa	aphene	180 U

EPA SAMPLE NO.

Matrix: (soil/water) SOIL	Lab Name: D	ataChem Laboratories, Inc. Con	tract:	H1YD (BGH-SB(2	
Sample wt/vol: 30 (g/mL) g Lab File ID: % Moisture: 13.692 Decanted: (Y/N) Date Received: 05/01/2007 Extraction: (Type) Date Extracted:				SDG No.: H	1PX7
Sample wt/vol: 30	Matrix: (soil/	water) SOIL	Lab Sample ID	71220080	07
% Moisture: 13.692 Decanted: (Y/N) Date Extracted: Extraction: (Type) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/18/2007 Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 8.9 Sulfur Cleanup: CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 12674-11-2 Aroclor-1016 38 U U 11104-28-2 Aroclor-1221 38 U 11104-28-2 Aroclor-1221 38 U U 11672-29-6 Aroclor-1232 38 U 11097-69-1 Aroclor-1242 38 U 11097-69-1 Aroclor-1248 38 U 11097-69-1 Aroclor-1254 38 U 11097-69-1 Aroclor-1260 38 U 11097-69-5 Aroclor-1262 38 U U 1100-14-4 Aroclor-1262 38 U 1100-14-4 Aroclor-1268 38 U U 1319-85-7 beta-BHC 0.25 JP 319-86-8			Lab File ID:		
Date Analyzed: S/18/2007 Injection Volume: (uL) Dilution Factor: 1					
CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q	Extraction:	(Type)	- Date Extracted	đ:	
CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q	Concentrated E	Extract Volume:(uL)	Date Analyzed	5/18/2007	
CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q				or: <u>1</u>	
(ug/L or ug/Kg) ug/kg Q 12674-11-2 Aroclor-1016 38 U 11104-28-2 Aroclor-1221 38 U 11141-16-5 Aroclor-1232 38 U 53469-21-9 Aroclor-1242 38 U 12672-29-6 Aroclor-1248 38 U 11097-69-1 Aroclor-1254 38 U 11096-82-5 Aroclor-1260 38 U 37324-23-5 Aroclor-1262 38 U 319-84-6 alpha-BHC 2 U 319-85-7 beta-BHC 2 U 319-86-8 delta-BHC 2 U 58-89-9 gamma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 959-98-8 Endosulfan I 0.045 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP					
(ug/L or ug/Kg) ug/kg Q 12674-11-2 Aroclor-1016 38 U 11104-28-2 Aroclor-1221 38 U 11141-16-5 Aroclor-1232 38 U 53469-21-9 Aroclor-1242 38 U 12672-29-6 Aroclor-1248 38 U 11097-69-1 Aroclor-1254 38 U 11096-82-5 Aroclor-1260 38 U 37324-23-5 Aroclor-1262 38 U 319-84-6 alpha-BHC 2 U 319-85-7 beta-BHC 2 U 319-86-8 delta-BHC 2 U 58-89-9 gamma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 959-98-8 Endosulfan I 0.045 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP	CAS NO.	COMPOUND	CONCENTRATI	ON UNITS:	
11104-28-2 Aroclor-1221 38 U 11141-16-5 Aroclor-1232 38 U 53469-21-9 Aroclor-1242 38 U 12672-29-6 Aroclor-1248 38 U 11097-69-1 Aroclor-1254 38 U 11096-82-5 Aroclor-1260 38 U 37324-23-5 Aroclor-1262 38 U 11100-14-4 Aroclor-1268 38 U 319-84-6 alpha-BHC 2 U 319-85-7 beta-BHC 0.25 JP 319-86-8 delta-BHC 2 U 58-89-9 gamma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 1024-57-3 Heptachlor epoxide 2 U 959-98-8 Endosulfan I 0.045 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JF 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J <td< td=""><td>210 110</td><td>33.2</td><td></td><td></td><td>Q</td></td<>	210 110	33.2			Q
11104-28-2 Aroclor-1221 38 U 11141-16-5 Aroclor-1232 38 U 53469-21-9 Aroclor-1242 38 U 12672-29-6 Aroclor-1248 38 U 11097-69-1 Aroclor-1254 38 U 11096-82-5 Aroclor-1260 38 U 37324-23-5 Aroclor-1262 38 U 11100-14-4 Aroclor-1268 38 U 319-84-6 alpha-BHC 2 U 319-85-7 beta-BHC 0.25 JP 319-86-8 delta-BHC 2 U 58-89-9 gamma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 1024-57-3 Heptachlor epoxide 2 U 959-98-8 Endosulfan I 0.045 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JF 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J <td< td=""><td>12674-11-2</td><td>Aroclor-1016</td><td></td><td>38</td><td>U</td></td<>	12674-11-2	Aroclor-1016		38	U
11141-16-5 Aroclor-1232 38 U 53469-21-9 Aroclor-1242 38 U 12672-29-6 Aroclor-1248 38 U 11097-69-1 Aroclor-1254 38 U 11096-82-5 Aroclor-1260 38 U 37324-23-5 Aroclor-1262 38 U 319-84-6 alpha-BHC 2 U 319-85-7 beta-BHC 2 U 319-86-8 delta-BHC 2 U 58-89-9 garma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 959-98-8 Endosulfan I 0.045 JP 60-57-1 Dieldrin 0.05 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JP 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP					
53469-21-9 Aroclor-1242 38 U 12672-29-6 Aroclor-1248 38 U 11097-69-1 Aroclor-1254 38 U 11096-82-5 Aroclor-1260 38 U 37324-23-5 Aroclor-1268 38 U 11100-14-4 Aroclor-1268 38 U 319-84-6 alpha-BHC 2 U 319-85-7 beta-BHC 2 U 319-86-8 delta-BHC 2 U 58-89-9 gamma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 1024-57-3 Heptachlor epoxide 2 U 959-98-8 Endosulfan I 0.045 JP 60-57-1 Dieldrin 0.6 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JP 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J					
12672-29-6 Aroclor-1248 38 U 11097-69-1 Aroclor-1254 38 U 11096-82-5 Aroclor-1260 38 U 37324-23-5 Aroclor-1262 38 U 11100-14-4 Aroclor-1268 38 U 319-84-6 alpha-BHC 2 U 319-85-7 beta-BHC 0.25 JP 319-86-8 delta-BHC 2 U 58-89-9 gamma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 1024-57-3 Heptachlor epoxide 2 U 959-98-8 Endosulfan I 0.045 JP 60-57-1 Dieldrin 0.6 JP 72-55-9 4,4'-DDE 0.52 JP 33213-65-9 Endosulfan II 0.083 JP 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP				38	U
11097-69-1 Aroclor-1254 38 U 11096-82-5 Aroclor-1260 38 U 37324-23-5 Aroclor-1262 38 U 11100-14-4 Aroclor-1268 38 U 319-84-6 alpha-BHC 2 U 319-85-7 beta-BHC 0.25 JP 319-86-8 delta-BHC 2 U 58-89-9 gamma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 1024-57-3 Heptachlor epoxide 2 U 959-98-8 Endosulfan I 0.045 JP 60-57-1 Dieldrin 0.6 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JP 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP					_
11096-82-5 Aroclor-1260 38 U 37324-23-5 Aroclor-1262 38 U 11100-14-4 Aroclor-1268 38 U 319-84-6 alpha-BHC 2 U 319-85-7 beta-BHC 0.25 JP 319-86-8 delta-BHC 2 U 58-89-9 garma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 1024-57-3 Heptachlor epoxide 2 U 959-98-8 Endosulfan I 0.045 JP 60-57-1 Dieldrin 0.6 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JF 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP					
37324-23-5 Aroclor-1262 38 U 11100-14-4 Aroclor-1268 38 U 319-84-6 alpha-BHC 2 U 319-85-7 beta-BHC 0.25 JP 319-86-8 delta-BHC 2 U 58-89-9 garma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 1024-57-3 Heptachlor epoxide 2 U 959-98-8 Endosulfan I 0.045 JP 72-55-9 4.4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JP 72-54-8 4.4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4.4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP 1.3 JP					
11100-14-4 Aroclor-1268 38 U 319-84-6 alpha-BHC 2 U 319-85-7 beta-BHC 0.25 JP 319-86-8 delta-BHC 2 U 58-89-9 gamma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 1024-57-3 Heptachlor epoxide 2 U 959-98-8 Endosulfan I 0.045 JP 60-57-1 Dieldrin 0.6 JP 72-55-9 4.4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JP 72-54-8 4.4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4.4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP					
319-84-6 alpha-BHC 2 U 319-85-7 beta-BHC 0.25 JP 319-86-8 delta-BHC 2 U 58-89-9 garma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 1024-57-3 Heptachlor epoxide 2 U 959-98-8 Endosulfan I 0.045 JP 60-57-1 Dieldrin 0.6 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JP 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP 319-35-9 Methoxychlor 3.3 JP 319-35-9					
319-85-7 beta-BHC 0.25 JP 319-86-8 delta-BHC 2 U 58-89-9 garma-BHC (Lindane) 2 U 58-89-9 garma-BHC (Lindane) 2 U 309-00-2 Aldrin 2 U 1024-57-3 Heptachlor epoxide 2 U 959-98-8 Endosulfan I 0.045 JP 60-57-1 Dieldrin 0.6 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JP 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP 1.3 JP 1.3 JP 1.3 JP 1.3 JP 1.3 JP 1.4 JP 1.3 JP 1.4 JP 1.4 JP 1.4 JP 1.4 JP 1.5 JP 1				2	U
319-86-8 delta-BHC 2 U 58-89-9 gamma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 1024-57-3 Heptachlor epoxide 2 U 259-98-8 Endosulfan I 0.045 JP 60-57-1 Dieldrin 0.6 JP 72-55-9 4.4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JP 72-54-8 4.4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4.4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP 1.4 J 72-43-5 Methoxychlor 1.3 JP 1.4 JP 1.5 JP				0.25	JP
58-89-9 gamma-BHC (Lindane) 2 U 76-44-8 Heptachlor 2 U 309-00-2 Aldrin 2 U 1024-57-3 Heptachlor epoxide 2 U 959-98-8 Endosulfan I 0.045 JP 60-57-1 Dieldrin 0.6 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JF 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP					
309-00-2 Aldrin 2 U 1024-57-3 Heptachlor epoxide 2 U 959-98-8 Endosulfan I 0.045 JP 60-57-1 Dieldrin 0.6 JP 72-55-9 4.4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JP 72-54-8 4.4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4.4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP 58-89-9				U	
1024-57-3 Heptachlor epoxide 2 U 959-98-8 Endosulfan I 0.045 JP 60-57-1 Dieldrin 0.6 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JF 33213-65-9 Endosulfan II 0.083 JP 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP	76-44-8	Heptachlor		2	U
959-98-8 Endosulfan I 0.045 JP 60-57-1 Dieldrin 0.6 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JP 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP	309-00-2	Aldrin		2	Ü
60-57-1 Dieldrin 0.6 JP 72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JP 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP	1024-57-3	Heptachlor epoxide		2	ט
72-55-9 4,4'-DDE 0.52 JP 72-20-8 Endrin 0.12 JP 33213-65-9 Endosulfan II 0.083 JF 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP	959-98-8	Endosulfan I		0.045	JP
72-20-8 Endrin 0.12 JF 33213-65-9 Endosulfan II 0.083 JF 72-54-8 4,4'-DDD 0.18 JF 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JF	60-57-1	Dieldrin		0.6	JP
33213-65-9 Endosulfan II 0.083 JP 72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP	72-55-9	4,4'-DDE		0.52	JP
72-54-8 4,4'-DDD 0.18 JP 1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP	72-20-8	Endrin		0.12	JP
1031-07-8 Endosulfan sulfate 3.8 U 50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP	33213-65-9	Endosulfan II		0.083	JP
50-29-3 4,4'-DDT 1.4 J 72-43-5 Methoxychlor 1.3 JP	72-54-8	4,4'-DDD		0.18	JP
72-43-5 Methoxychlor 1.3 JP	1031-07-8	Endosulfan sulfate		3.8	Ŭ
	50-29-3	4,4'-DDT		1.4	J
53494-70-5 Endrin ketone 0.7 JP	72-43-5	Methoxychlor		1.3	JP
	53494-70-5	Endrin ketone		0.7	JP
7421-93-4 Endrin aldehyde 3.8 U	7421-93-4	Endrin aldehyde		3.8	ט
5103-71-9 alpha-Chlordane 0.15 JP		L			
5103-74-2 gamma-Chlordane 0.28 JP	5103-74-2	gamma-Chlordane		0.28	JP

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name:	DataChem Laborator	ies, Inc. Cor	tract:	H1YD2 (BGH-SB(2)-65)
Lab Code:	DATAC Case No.	: 36335	SAS No.:	SDG No.: H1PX7
Matrix: (soil	/water) SOIL		Lab Sample ID:	7122008007
Sample wt/vol	: 30 (g/mL)	g	Lab File ID:	
% Moisture:	13.692 Decanted	: (Y/N)	Date Received:	05/01/2007
Extraction:	(Type)	_	Date Extracted	:
Concentrated :	Extract Volume:	(uL)	Date Analyzed:	5/18/2007
Injection Volu	ume:(uL)	Dilution Factor	r: 1
GPC Cleanup:	(Y/N)	pH _8.9	Sulfur Cleanup	:
CAS NO.	COMPOUND		CONCENTRATIO	N UNITS:
			(ug/L or ug/	Kg) <u>ug/kg</u> Q
8001-35-2	Toxaphene		1	200 U

EPA SAMPLE NO.

H1YD3

Lab Name:	DataChem Laboratories, Inc. Con	tract: (BGH-SF(0.5)-67)
		SAS No.: SDG No.: H1PX7
Matrix: (soil	(water) SOIL	Lab Sample ID: 7122008008
Sample wt/vol:	30 (g/mL) g	Lab File ID:
% Moisture:	9.9315 Decanted: (Y/N)	Date Received: 05/01/2007
Extraction:	(Type)	Date Extracted:
Concentrated H	Extract Volume:(uL)	Date Analyzed: 5/18/2007
Injection Volu	me: (uL)	Dilution Factor: 1
GPC Cleanup:	(Y/N) pH <u>8.5</u>	Sulfur Cleanup:
CAS NO.	COMPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	37 U
11104-28-2	Aroclor-1221	37 U
11141-16-5	Aroclor-1232	37 U
53469-21-9	Aroclor-1242	37 U
12672-29-6	Aroclor-1248	37 U
11097-69-1	Aroclor-1254	37 U
11096-82-5	Aroclor-1260	37 U
37324-23-5	Aroclor-1262	37 U
11100-14-4	Aroclor-1268	37 U
319-84-6	alpha-BHC	1.9 U
319-85-7	beta-BHC	0.075 JP
319-86-8	delta-BHC	1.9 U
58-89-9	gamma-BHC (Lindane)	1.9 U
76-44-8	Heptachlor	1.9 U
309-00-2	Aldrin	1.9 U
1024-57-3	Heptachlor epoxide	1.9 U
959-98-8	Endosulfan I	1.9 U
60-57-1	Dieldrin	3.7 U
72-55-9	4,4'-DDE	3.7 U
72-20-8	Endrin	3.7 U
33213-65-9	Endosulfan II	3.7 U
72-54-8	4,4'-DDD	3.7 U
1031-07-8	Endosulfan sulfate	3.7 U
50-29-3	4,4'-DDT	3.7 U
72-43-5	Methoxychlor	19 U
53494-70-5	Endrin ketone	0.12 JP
7421-93-4	Endrin aldehyde	3.7 U
5103-71-9	alpha-Chlordane	1.9 U
5103-74-2	gamma-Chlordane	1.9 U

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataCh	em Laboratories, Inc. Contr	H1YD3 (BGH-SF(0.5)-67)
Lab Code: DATAC	Case No.: 36335	SAS No.: SDG No.: H1PX7
Matrix: (soil/water	SOIL SOIL	Lab Sample ID: 7122008008
Sample wt/vol: 30	(g/mL) <u>g</u>	Lab File ID:
% Moisture: 9.93	15 Decanted: (Y/N)	Date Received: 05/01/2007
Extraction: (Type		Date Extracted:
Concentrated Extrac	t Volume:(uL)	Date Analyzed: 5/18/2007
Injection Volume:	(uL)	Dilution Factor: 1
GPC Cleanup: (Y	(N) pH <u>8.5</u>	Sulfur Cleanup:
CAS NO. COM	MPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
8001-35-2 Toxa	phene	190 U

EPA SAMPLE NO.

Tab Name - F	Stracker Valoritation To Grant Control	H1YD4 (BGH-SB(2)-67)
_	DataChem Laboratories, Inc. Contract:	
	ATAC Case No.: 36335 SAS No.:	
Matrix: (soil/		ample ID: 7122008009
Sample wt/vol:	30 (g/mL) g Lab F.	ile ID:
% Moisture:		Received: 05/01/2007
Extraction:	(Type) Date I	Extracted:
Concentrated E		Analyzed: <u>5/18/2007</u>
Injection Volu	me: (uL) Dilut:	ion Factor: 1
GPC Cleanup:	(Y/N) pH <u>9.4</u> Sulfur	r Cleanup:
CAS NO.	COMPOUND CON	CENTRATION UNITS:
		/L or ug/Kg) ug/kg Q
12674-11-2	Aroclor-1016	36 U
11104-28-2	Aroclor-1221	36 U
11141-16-5	Aroclor-1232	36 U
53469-21-9	Aroclor-1242	36 U
12672-29-6	Aroclor-1248	36 U
	· · · · · · · · · · · · · · · · · · ·	36 U
11097-69-1	Aroclor-1254	
11096-82-5	Aroclor-1260	36 U
37324-23-5	Aroclor-1262	36 U
11100-14-4	Aroclor-1268	36 U
319-84-6	alpha-BHC	1.9 U
319-85-7	beta-BHC	1.9 U
319-86-8	delta-BHC	1.9 U
58-89-9	gamma-BHC (Lindane)	1.9 U
76-44-8	Heptachlor	1.9 U
309-00-2	Aldrin	1.9 U
1024-57-3	Heptachlor epoxide	1.9 U
959-98-8	Endosulfan I	1.9 U
60-57-1	Dieldrin	3.6 U
72-55-9	4,4'-DDE	3.6 U
72-20-8	Endrin	3.6 U
33213-65-9	Endosulfan II	3.6 U
72-54-8	4,4'-DDD	3.6 U
1031-07-8	Endosulfan sulfate	3.6 U
50-29-3	4,4'-DDT	3.6 U
72-43-5	Methoxychlor	19 U
53494-70-5	Endrin ketone	3.6 U
7421-93-4	Endrin aldehyde	3.6 U
5103-71-9	alpha-Chlordane	1.9 U
5103-74-2	gamma-Chlordane	1.9 U
3103 74-2	ganena-critot date	1.5

1E (e-form)
PESTICIDE ORGANICS ANALYSIS DATA SHEET

			Ing Con	H1YD4 (BGH-SB(2)-67)
Lab Name:	DataChem .	Laboratories	, inc. con	
Lab Code:	DATAC	Case No.:	36335	SAS No.: SDG No.: H1PX7
Matrix: (so:	il/water)	SOIL	_	Lab Sample ID: 7122008009
Sample wt/ve	01: 30	(g/mL) <u>g</u>	_	Lab File ID:
% Moisture:	8.1996	Decanted:	(Y/N)	Date Received: 05/01/2007
Extraction:	(Type)			Date Extracted:
Concentrate	d Extract V	olume: _	(uL)	Date Analyzed: 5/18/2007
Injection V	olume: _	(uL)	Dilution Factor: 1
GPC Cleanup	: (Y/N)		pH 9.4	Sulfur Cleanup:
CAS NO.	COMPO	UND		CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q
8001-35-2	Toxaphe	ne		190 U

EPA SAMPLE NO.

Lab Name:	DataChem Labor	atories,	Inc. C	ontract:		H1YD6 (BGH-SF(0.5) -55)
Lab Code:	DATAC Ca	se No.:	36335	SAS No.	:	SDG No.: H1F	т8
Matrix: (soi	.l/water) SO	IL		La	b Sample ID:	712201300	1
Sample wt/vo	ol: <u>30</u> (g	/mL) g		La	b File ID:		
% Moisture:	3.7182 De	canted:	(Y/N) _	Da	te Received:	5/1/2007	_
Extraction:	(Type)			Da	te Extracted	l:	_
Concentrated	Extract Volum	ie:	(uL)	Da	te Analyzed:	5/18/2007	_
Injection Vo	lume:	(uL)		Di	lution Facto	r: <u>1</u>	
GPC Cleanup:	(Y/N)		рH <u>9.2</u>	<u>Su</u>	lfur Cleanup	··	
CAS NO.	COMPOUND				CONCENTRATIO	ON UNITS:	
					(ug/L or ug/	/Kg) ug/kg	Q
12674-11-2	Aroclor-1016					34 0	j j
11104-28-2	Aroclor-1221					34 (<u>, </u>
11141-16-5	Aroclor-1232	:				34 t	j
53469-21-9	Aroclor-1242					34 t	j
12672-29-6	Aroclor-1248					34 (Ţ
11097-69-1	Aroclor-1254					34 (J
11096-82-5	Aroclor-1260)				34 t	J
37324-23-5	Aroclor-1262	?				34 t	J
11100-14-4	Aroclor-1268	· _				34 t	J
319-84-6	alpha-BHC					1.8 (<u>,</u>
319-85-7	beta-BHC					18 (J
319-86-8	delta-BHC					1.8 t	J
58-89-9	gamma-BHC (I	indane)				18 t	J
76-44-8	Heptachlor					18 t	
309-00-2	Aldrin					18 (
1024-57-3	Heptachlor e					0.32	
959-98-8	Endosulfan :	<u> </u>				18 0	
60-57-1	Dieldrin					34 (
72-55-9	4,4'-DDE					0.32	
72-20-8	Endrin					1.1	
33213-65-9	Endosulfan	I I				10	
72-54-8	4 . 4 ' - DDD	1.5				1.5	
1031-07-8	Endosulfan s	ultate			Ĺ <u> </u>	34 0	
50-29-3 72-43-5	4,4'-DDT						$\overline{}$
53494-70-5	Methoxychlor Endrin ketor				l 	20 5	
7421-93-4	Endrin Recor					34 (
5103-71-9	alpha-Chlore	<u> </u>				18 0	
5103-71-9	gamma-Chloro					18 (
2203 /7 2	Taguana CIIIOI						

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataCl	hem Laboratories,	Inc. Cont	ract:	HlyD6 (BGH-SF(0.5)-55)
Lab Code: DATAC	Case No.:	36335	SAS No.:	SDG No.: H1PT8
Matrix: (soil/wat	er) SOIL	_	Lab Sample ID	7122013001
Sample wt/vol: 3	0 (g/mL) g	_	Lab File ID:	
% Moisture: 3.7	182 Decanted:	(Y/N)	Date Received:	5/1/2007
Extraction: (Typ	pe)		Date Extracted	1:
Concentrated Extra	act Volume:	(uL)	Date Analyzed:	5/18/2007
Injection Volume:	(uL)		Dilution Facto	or: 1
GPC Cleanup:	(Y/N)	pH 9.2	Sulfur Cleanur):
CAS NO. C	OMPOUND		CONCENTRATIO	ON UNITS:
			(ug/L or ug	/Kg) <u>ug/kg</u> Q
8001-35-2 Toxa	aphene			1800 U

EPA SAMPLE NO.

Lab Name: DataChem Laboratories, Inc. Contract:	H1YD7 (BGH-SB(2)~55)
Lab Code: DATAC Case No.: 36335 SAS No.:	SDG No.: H1PT8
Matrix: (soil/water) SOIL Lab Sa	ample ID: 7122013002
	ile ID:
	Received: 5/1/2007
Extraction: (Type) Date B	Extracted:
	Analyzed: 5/18/2007
Injection Volume: (uL) Diluti	ion Factor: 1
	Cleanup:
CAS NO. COMPOUND CONC	CENTRATION UNITS:
(ug,	/L or ug/Kg) ug/kg Q
12674-11-2 Aroclor-1016	35 U
11104-28-2 Aroclor-1221	35 U
11141-16-5 Aroclor-1232	35 U
53469-21-9 Aroclor-1242	35 0
12672-29-6 Aroclor-1248	35 U
11097-69-1 Aroclor-1254	35 U
11096-82-5 Aroclor-1260	35 U
37324-23-5 Aroclor-1262	35 U
11100-14-4 Aroclor-1268	35 U
319-84-6 alpha-BHC	0.068 J
319-85-7 beta-BHC	0.23 JP
319-86-8 delta-BHC	1.8 U
58-89-9 gamma-BHC (Lindane)	1.8 U
76-44-8 Heptachlor	1.8U
309-00-2 Aldrin	1.8 U
1024-57-3 Heptachlor epoxide	1.80
959-98-8 Endosulfan I	1.8 U
60-57-1 Dieldrin	3.50
72-55-9 4,4'-DDE	3.50
72-20-8 Endrin	3,5 U
33213-65-9 Endosulfan II	3.5 U
72-54-8 4,4'-DDD	3.5 U
1031-07-8 Endosulfan sulfate	3.5 U
50-29-3 4, 4'-DDT	3.5 U
72-43-5 Methoxychlor	18 U
53494-70-5 Endrin ketone	3.5 U
7421-93-4 Endrin aldehyde	3.5U
5103-71-9 alpha-Chlordane	1.8 U
5103-74-2 gamma-Chlordane	0.045 JP

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChe	em Laboratories, Inc. Contra	H1YD7 (BGH-SB(2)~55)
Lab Code: DATAC	Case No.: 36335 Si	AS No.: SDG No.: H1PT8
Matrix: (soil/wate:	r) SOIL	Lab Sample ID: 7122013002
Sample wt/vol: 30	(g/mL) g	Lab File ID:
% Moisture: <u>5.78</u>	84 Decanted: (Y/N)	Date Received: 5/1/2007
Extraction: (Type	e)	Date Extracted:
Concentrated Extra	ct Volume:(uL)	Date Analyzed: 5/18/2007
Injection Volume:	(uL)	Dilution Factor: 1
GPC Cleanup: (Y	(/N) pH9.2	Sulfur Cleanup:
CAS NO. CO	MPOUND	CONCENTRATION UNITS:
		(ug/L or ug/Kg) ug/kg Q
8001-35-2 Toxar	phene	180 U

EPA SAMPLE NO.

Lab Code: DATAC Case No.: 36335 SAS No.: SDG No.: HIPT8	Lab Name: Da	ataChem La	boratories,	Inc.	Contract	:	H1YD	
Sample wt/vol: 30	Lab Code: DA	ATAC	Case No.:	36335	SAS	No.:	SDG No.: H1	PT8
% Moisture: 25.114 Decanted: (Y/N) Date Extracted: Concentrated Extract Volume: (uL) Date Analyzed: 5/18/2007 Injection Volume: (uL) Dilution Factor: 1 GPC Cleanup: (Y/N) pH 8.9 Sulfur Cleanup: CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 12674-11-2 Aroclor-1016 44 U U 11104-28-2 Aroclor-1221 44 U U 11141-16-5 Aroclor-1221 44 U U 12672-29-6 Aroclor-1224 44 U U 12672-29-6 Aroclor-1248 44 U U 11097-69-1 Aroclor-1260 44 U U 11097-69-1 Aroclor-1260 44 U U 11097-69-1 Aroclor-1262 2.3 U U 12.3 U U 12.3 U	Matrix: (soil.	/water)	SOIL	_		Lab Sample I	D: 71220130	03
Extraction: (Type)	Sample wt/vol	: 30	(g/mL) g	_		Lab File ID:		
Concentrated Extract Volume:	% Moisture:	25.114	Decanted:	(Y/N)		Date Receive	d: <u>5/1/2007</u>	
Injection Volume:	Extraction:	(Type)				Date Extract	ed:	_
CAS NO. COMPOUND PH 8.9 Sulfur Cleanup:	Concentrated	Extract Vo	lume: _	(u	ıL)	Date Analyze	1: 5/18/2007	_
CAS NO. COMPOUND CONCENTRATION UNITS: (ug/L or ug/Kg) ug/kg Q 12674-11-2	Injection Volu	ume:	(uL))		Dilution Fact	tor: 1	
Cug/L or ug/Kg Ug/Kg Q	GPC Cleanup:	(Y/N)		рн _8	. 9	Sulfur Clean	ıp:	
12674-11-2	CAS NO.	COMPOU	ND		•	CONCENTRAT	ION UNITS:	
11104-28-2 Aroclor-1221 44 U 11141-16-5 Aroclor-1232 44 U 12672-29-6 Aroclor-1242 44 U 12672-29-6 Aroclor-1248 44 U 11097-69-1 Aroclor-1254 44 U 11097-69-1 Aroclor-1254 44 U 11096-82-5 Aroclor-1260 44 U 1100-14-4 Aroclor-1268 44 U 1100-14-4 Aroclor-1268 44 U 1100-14-4 Aroclor-1268 44 U 1100-14-4 Aroclor-1268 44 U 1100-14-6 Aroclor-1268						(ug/L or u	g/Kg) <u>ug/kg</u>	, Q
11141-16-5 Aroclor-1232 44 U 53469-21-9 Aroclor-1242 44 U 12672-29-6 Aroclor-1248 44 U 11097-69-1 Aroclor-1254 44 U 11097-69-1 Aroclor-1254 44 U 11096-82-5 Aroclor-1260 44 U 37324-23-5 Aroclor-1262 44 U 11100-14-4 Aroclor-1268 44 U 11100-14-4 Aroclor-1268 44 U 119-84-6 alpha-BHC 2.3 U 119-85-7 beta-BHC 2.3 U 139-86-8 delta-BHC 2.3 U 158-89-9 gamma-BHC (Lindane) 2.3 U 1024-57-3 Heptachlor 2.3 U 1024-57-3 Heptachlor epoxide 2.3 U 1024-57-3 Heptachlor epoxide 2.3 U 1024-57-1 Dieldrin 4.4 U 172-55-9 4.4'-DDE 4.4' U 133213-65-9 Endosulfan II 4.4 U 133213-65-9 Endosulfan II 4.4 U 1031-07-8 Endosulfan sulfate 4.4 U 1031-07-8 Endosulfan sulfate 4.4 U 1031-07-8 Endosulfan ketone 4.4 U 1041-93-4 Endrin aldehyde 4.4 U 1041-93-4 Endrin aldehyde 4.4 U 1051-07-19 alpha-Chlordane 2.3 U	12674-11-2	Aroclor-1	016				44	U
53469-21-9 Aroclor-1242 44 U 12672-29-6 Aroclor-1248 44 U 11097-69-1 Aroclor-1254 44 U 11096-82-5 Aroclor-1260 44 U 37324-23-5 Aroclor-1262 44 U 11100-14-4 Aroclor-1268 44 U 319-84-6 alpha-BHC 2.3 U 319-85-7 beta-BHC 2.3 U 319-86-8 delta-BHC 2.3 U 58-89-9 gamma-BHC (Lindane) 2.3 U 76-44-8 Heptachlor 2.3 U 309-00-2 Aldrin 2.3 U 1024-57-3 Heptachlor epoxide 2.3 U 959-98-8 Endosulfan I 2.3 U 72-55-9 4.4'-DDE 4.4 U 72-20-8 Endrin 4.4 U 72-20-8 Endrin 4.4 U 72-54-8 4.4'-DDD 4.4 U 72-43-5 Methoxychlor 0.52 JP 72-43	11104-28-2	Aroclor-1	221				44	υ
12672-29-6	11141-16-5	Aroclor-1	232				44	Ü
11097-69-1	53469-21-9	Aroclor-1	242				44	U
11096-82-5 Aroclor-1260	12672-29-6	Aroclor-1	248				44	Ū
37324-23-5	11097-69-1	Aroclor-1	254				44	U
11100-14-4 Arcclor-1268 44 U 319-84-6 alpha-BHC 2.3 U 319-85-7 beta-BHC 2.3 U 319-86-8 delta-BHC 2.3 U 58-89-9 gamma-BHC (Lindane) 2.3 U 76-44-8 Heptachlor 2.3 U 309-00-2 Aldrin 2.3 U 1024-57-3 Heptachlor epoxide 2.3 U 959-98-8 Endosulfan I 2.3 U 60-57-1 Dieldrin 4.4 U 72-55-9 4.4 '-DDE 4.4 U 33213-65-9 Endosulfan II 4.4 U 33213-65-9 Endosulfan II 4.4 U 1031-07-8 Endosulfan sulfate 4.4 U 50-29-3 4.4'-DDD 0.52 JP 72-43-5 Methoxychlor 0.38 JP 53494-70-5 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U	11096-82-5	Aroclor-1	260				44	Ü
319-84-6 alpha-BHC 2.3 U 319-85-7 beta-BHC 2.3 U 319-86-8 delta-BHC 2.3 U 58-89-9 gamma-BHC (Lindane) 2.3 U 58-89-9 gamma-BHC (Lindane) 2.3 U 58-89-9 delta-BHC 2.3 U 58-99-9 delta-BHC 2.3 U 58-99-9 delta-BHC 2.3 U 58-99-9 delta-BHC 2.3 U 58-99-9 delta-BHC 2.3 U de	37324-23-5	Aroclor-1	262				44	ט
319-84-6 alpha-BHC 2.3 U 319-85-7 beta-BHC 2.3 U 319-86-8 delta-BHC 2.3 U 58-89-9 gamma-BHC (Lindane) 2.3 U 58-89-9 gamma-BHC (Lindane) 2.3 U 58-89-9 delta-BHC 2.3 U 58-99-9 delta-BHC 2.3 U 58-99-9 delta-BHC 2.3 U 58-99-9 delta-BHC 2.3 U delta-BHC	11100-14-4	Aroclor-1	268			_	44	U
319-86-8 delta-BHC 2.3 U 58-89-9 gamma-BHC (Lindane) 2.3 U 309-00-2 Aldrin 2.3 U 309-00-2 Aldrin 2.3 U 309-98-8 Endosulfan I 2.3 U 309-98-8 Endosulfan I 2.3 U 309-98-8 Endosulfan I 309-98-8 Endrin 309-98-8 Endrin 309-98-8 Endrin 309-98-98-8 Endrin 309-98-98-98 Endrin 309-98-98-98 Endrin 309-98-98-98 Endosulfan II 309-98-98-98 Endosulfan II 309-98-98-98 309-98-98-98 309-98-98-98 309-98-98-98 309-98-98-98-98-98-98-98-98-98-98-98-98-98	319-84-6	+					2.3	U
319-86-8 delta-BHC 2.3 U 58-89-9 gamma-BHC (Lindane) 2.3 U 309-00-2 Aldrin 2.3 U 309-00-2 Aldrin 2.3 U 309-98-8 Endosulfan I 2.3 U 309-98-8 Endosulfan I 2.3 U 309-98-8 Endosulfan I 309-98-8 Endrin 309-98-8 Endrin 309-98-8 Endrin 309-98-98-8 Endrin 309-98-98-98 Endrin 309-98-98-98 Endrin 309-98-98-98 Endosulfan II 309-98-98-98 Endosulfan II 309-98-98-98 309-98-98-98 309-98-98-98 309-98-98-98 309-98-98-98-98-98-98-98-98-98-98-98-98-98	319-85-7	beta-BHC					2.3	Ü
58-89-9 gamma-BHC (Lindane) 2.3 U 76-44-8 Heptachlor 2.3 U 309-00-2 Aldrin 2.3 U 1024-57-3 Heptachlor epoxide 2.3 U 959-98-8 Endosulfan I 2.3 U 60-57-1 Dieldrin 4.4 U 72-55-9 4,4'-DDE 4.4 U 72-20-8 Endrin 4.4 U 33213-65-9 Endosulfan II 4.4 U 72-54-8 4,4'-DDD 4.4 U 1031-07-8 Endosulfan sulfate 4.4 U 50-29-3 4,4'-DDT 0.52 JP 72-43-5 Methoxychlor 0.38 JP 53494-70-5 Endrin ketone 4.4 U 7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U		+	!					_
76-44-8 Heptachlor 2.3 U 309-00-2 Aldrin 2.3 U 1024-57-3 Heptachlor epoxide 2.3 U 959-98-8 Endosulfan I 2.3 U 60-57-1 Dieldrin 4.4 U 72-55-9 4,4'-DDE 4.4 U 72-20-8 Endrin 4.4 U 33213-65-9 Endosulfan II 4.4 U 72-54-8 4,4'-DDD 4.4 U 1031-07-8 Endosulfan sulfate 4.4 U 50-29-3 4,4'-DDT 0.52 JP 72-43-5 Methoxychlor 0.38 JP 53494-70-5 Endrin ketone 4.4 U 7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U	58-89-9	gamma-BHC	(Lindane)				2.3	U
309-00-2 Aldrin 2.3 U 1024-57-3 Heptachlor epoxide 2.3 U 1024-57-3 Heptachlor epoxide 2.3 U 959-98-8 Endosulfan I 2.3 U 60-57-1 Dieldrin 4.4 U 72-55-9 4.4'-DDE 4.4 U 72-20-8 Endrin 4.4 U 72-20-8 Endrin 4.4 U 72-54-8 4.4'-DDD 4.4 U 72-54-8 4.4'-DDD 4.4 U 72-54-8 4.4'-DDD 4.4 U 72-54-8 4.4'-DDD 50-29-3 4.4'-DDT 50-29-3 4.4'-DDT 50-52 3P 3P 3P 3P 3P 3P 3P 3	76-44-8	+~					2.3	U
959-98-8 Endosulfan I 2.3 U 60-57-1 Dieldrin 4.4 U 72-55-9 4,4'-DDE 4.4 U 72-20-8 Endrin 4.4 U 33213-65-9 Endosulfan II 4.4 U 72-54-8 4,4'-DDD 4.4 U 1031-07-8 Endosulfan sulfate 4.4 U 50-29-3 4,4'-DDT 0.52 JF 72-43-5 Methoxychlor 0.38 JP 53494-70-5 Endrin ketone 4.4 U 7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U								
959-98-8 Endosulfan I 2.3 U 60-57-1 Dieldrin 4.4 U 72-55-9 4,4'-DDE 4.4 U 72-20-8 Endrin 4.4 U 33213-65-9 Endosulfan II 4.4 U 72-54-8 4,4'-DDD 4.4 U 1031-07-8 Endosulfan sulfate 4.4 U 50-29-3 4,4'-DDT 0.52 JF 72-43-5 Methoxychlor 0.38 JP 53494-70-5 Endrin ketone 4.4 U 7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U	1024-57-3	Heptachlo	r epoxide			 -	2.3	U
60-57-1 Dieldrin 4.4 U 72-55-9 4.4'-DDE 4.4 U 72-20-8 Endrin 4.4 U 33213-65-9 Endosulfan II 4.4 U 72-54-8 4,4'-DDD 4.4 U 1031-07-8 Endosulfan sulfate 4.4 U 50-29-3 4,4'-DDT 0.52 JP 72-43-5 Methoxychlor 0.38 JP 53494-70-5 Endrin ketone 4.4 U 7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U								
72-20-8 Endrin 4.4 U 33213-65-9 Endosulfan II 4.4 U 72-54-8 4,4'-DDD 4.4 U 1031-07-8 Endosulfan sulfate 4.4 U 50-29-3 4,4'-DDT 0.52 JP 72-43-5 Methoxychlor 0.38 JP 53494-70-5 Endrin ketone 4.4 U 7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U								_
72-20-8 Endrin 4.4 U 33213-65-9 Endosulfan II 4.4 U 72-54-8 4,4'-DDD 4.4 U 1031-07-8 Endosulfan sulfate 4.4 U 50-29-3 4,4'-DDT 0.52 JP 72-43-5 Methoxychlor 0.38 JP 53494-70-5 Endrin ketone 4.4 U 7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U								
72-54-8 4,4'-DDD 4.4 U 1031-07-8 Endosulfan sulfate 4.4 U 50-29-3 4,4'-DDT 0.52 JP 72-43-5 Methoxychlor 0.38 JP 53494-70-5 Endrin ketone 4.4 U 7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U	72-20-8						4.4	Ū
72-54-8 4,4'-DDD 4.4 U 1031-07-8 Endosulfan sulfate 4.4 U 50-29-3 4,4'-DDT 0.52 JP 72-43-5 Methoxychlor 0.38 JP 53494-70-5 Endrin ketone 4.4 U 7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U	33213-65-9	Endosulfa	n II				4.4	U
50-29-3 4,4'-DDT 0.52 JP 72-43-5 Methoxychlor 0.38 JP 53494-70-5 Endrin ketone 4.4 U 7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U								
50-29-3 4,4'-DDT 0.52 JP 72-43-5 Methoxychlor 0.38 JP 53494-70-5 Endrin ketone 4.4 U 7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U	1031-07-8	Endosulfa	n sulfate				4.4	Ū
72-43-5 Methoxychlor 0.38 JP 53494-70-5 Endrin ketone 4.4 U 7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U		4				 		
53494-70-5 Endrin ketone 4.4 U 7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U			lor			$\overline{}$		
7421-93-4 Endrin aldehyde 4.4 U 5103-71-9 alpha-Chlordane 2.3 U						 		
5103-71-9 alpha-Chlordane 2.3 U								
						<u> </u>		_

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: D	ataChem La	boratories,	Inc. Cont	ract:	H1YD8 (BGH-SS(20)-55)
Lab Code: D	ATAC	Case No.:	36335	SAS No.:	SDG No.: H1PT8
Matrix: (soil	/water)	SOIL	_	Lab Sample ID:	7122013003
Sample wt/vol	: 30	(g/mL) g	-	Lab File ID:	
% Moisture:	25.114	Decanted:	(Y/N)	Date Received:	5/1/2007
Extraction:	(Type)			Date Extracted	l:
Concentrated	Extract Vo	lume:	(uL)	Date Analyzed:	5/18/2007
Injection Vol	ume:	(uL)		Dilution Facto	r: <u>1</u>
GPC Cleanup:	(Y/N)		pH 8.9	Sulfur Cleanup	:
CAS NO.	COMPOUN	ID		CONCENTRATIO	
8001-35-2	Toxaphene				230 U

EPA SAMPLE NO.

H1YD9

Lab Name: Da	taChem Laboratories, Inc.	_ Contract:	(BGH-SS(3	5) -55)
Lab Code: DA	TAC Case No.: 363			PT8
Matrix: (soil/	water) SOIL	La	b Sample ID: 71220130	04
Sample wt/vol:	30 (g/mL) g	La	b File ID:	
% Moisture:	6.9721 Decanted: (Y/	N) Da	te Received: 5/1/2007	
	(Type)		te Extracted:	
	extract Volume:	_ (uL) Da	te Analyzed: 5/18/2007	<u>'</u>
	me:(uL)		lution Factor: 1	-
GPC Cleanup:	(Y/N) pH	<u>9.1</u> Su	lfur Cleanup:	-
CAS NO.	COMPOUND		CONCENTRATION UNITS:	
			(ug/L or ug/Kg) ug/kg	_ Q
12674-11-2	Aroclor-1016			ט
11104-28-2	Aroclor-1221		35	υ
11141-16-5	Aroclor-1232		35	
53469-21-9	Aroclor-1242		35	U
12672-29-6	Aroclor-1248		35	ប
11097-69-1	Aroclor-1254		35	Ū .
11096-82-5	Aroclor-1260			
37324-23-5	Aroclor-1262		35	-
11100-14-4	Aroclor-1268		35	
319-84-6	alpha-BHC		1.8	_
319-85-7	beta-BHC		1.8	
319-86-8	delta-BHC		1.8	
58-89-9	gamma-BHC (Lindane)		1.8	
76-44-8	Heptachlor		1.8	
309-00-2	Aldrin		1.8	
1024-57-3	Heptachlor epoxide		1.8	
959-98-8	Endosulfan I		0.058	
60-57-1	Dieldrin		0.067	
72-55-9	4,4'-DDE		3.5	
72-20-8	Endrin		3.5	
33213-65-9	Endosulfan II		3.5	
72-54-8	4,4'-DDD		3.5	
1031-07-8	Endosulfan sulfate		3.5	
50-29-3	4,4'-DDT		0.38	
72-43-5	Methoxychlor		0.67	
53494-70-5	Endrin ketone		3.5	
7421-93-4	Endrin aldehyde		3.5	
5103-71-9	alpha-Chlordane		1.8	
5103-74-2	gamma-Chlordane		0.038	JР

Form I Pest (e-form)

OLM04.3

1E (e-form) PESTICIDE ORGANICS ANALYSIS DATA SHEET

Lab Name: DataChem L	aboratories,	Inc. Cont	H1YD9 (BGH-SS(35)-55)
Lab Code: DATAC	Case No.:	36335	SAS No.: SDG No.: H1PT8	
Matrix: (soil/water)	SOIL	_	Lab Sample ID: 7122013004	
Sample wt/vol: 30	(g/mL) <u>g</u>	_	Lab File ID:	
% Moisture: 6.9721	Decanted:	(Y/N)	Date Received: 5/1/2007	-
Extraction: (Type)			Date Extracted:	
Concentrated Extract V	olume: _	(uL)	Date Analyzed: 5/18/2007	
Injection Volume: _	(uL)		Dilution Factor: 1	
GPC Cleanup: (Y/N)		pH <u>9.1</u>	Sulfur Cleanup:	
CAS NO. COMPOU	IND		CONCENTRATION UNITS:	
			(ug/L or ug/Kg) ug/kg Q	
8001-35-2 Toxaphen	e		180 ບ	_

Bushnell General Hospital Un-validated Data

(data was not validated as per EPA Project Manager's instructions)

Inorganic Results

Ground-Water Samples

USEPA - CLP 1A - IN (c-form) INORGANIC ANALYSIS DATA SHEET

							EPA SAME	LE NO
							MIII (BGII-C	
ab Name	DATACHEM LABO	RATORIES		Contract:				
ab Code.		Case No	36335	NRAS No			SDG NO.	MHEYD5
Aatrex (soil/wai	er): WATER			 Lab Sample ID				
evel (low/med	LOW			- Date Received:				
Solids:	NA			-				
accentration I	nits (ug/L or mg/kg dry			UG/L				
ncentration e	ants (ugazor mg/kg ur)	wergin)						
	CAS No	Analyt	1	Concentration	T 6 T	·······································	ТмТ	
	7429-90-5	ALUMINU			+		MS	
	7440-36-0	ANTIMON		2	101		MS	
	7440-38-2	ARSENIC		<u> </u>	l ŭ l		MS	
	7440-39-3	BARIUM		10	101	·	MS	
	7440-41-7	BERYLLIUI	м		U		MS	
	7440-43-9	CADMIUM			U		MS	
	7440-70-2	CALCIUM			1-1		MS	
	7440-47-3	CHROMIUN	1	0.53	1 1		MS	
	7440-48-4	COBALT		ī	U		MS	
	7440-50-8	COPPER		0.2	171		MS	
	7439-89-6	IRON			+		MS	
	7439-92-1	LEAD		0.029	1,		MS	
	7439-96-5	MANGANES	SE	0.11	J		MS	
	7439-97-6	MERCURY		0.2	U		CV	
	7440-02-0	NICKEL		1	U		MS	
	9/7/7440	POTASSIUM	1				MS	
	7782-49-2	SELENIUM		5	U		MS	
	744()-22-4	SILVER		ı	U		MS	
	7440-23-5	SODIUM					MS	
	7440-28-0	THALLIUM		l l	U		MS	
	7440-62-2	VANADIUM		5	U		MS	
	7440-66-6	NINC		1.2	J		MS	

USEPA - CLP IA - IN (e-form) INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO
MIIIYE3
(BGH-GW-00)

						(BG11-GW-00)
Lab Name: DAT	ACHEM LABO	RATORIES		Contract:		
Lab Code:		Case No.:	36335	NRAS No	SDC	NO MHIYDS
Matrix (soil/water)	WATER			Lab Sample ID.		
Level (low/med):	LOW			Date Received:		
% Solids: NA				_		
Concentration Units (u	g/L or mg/kg dry	weight)		UG/L		

CAS No.	Analyte	Concentration	C	Q	М
7429-90-5	ALUMINUM		I		MS
7440-36-0	ANTIMONY	0.22	J		MS
7440-38-2	ARSENIC	1.7	I^{T}		MS
7440-39-3	BARIUM	57.4			MS
7440-41-7	BERYLLIUM	0.12	J		MS
7440-43-9	CADMIUM	0.048	7 7		MS
7440-70-2	CALCIUM		T - T		MS
7440-47-3	CHROMIUM	9	1		MS
7440-48-4	COBALT	3.3			MS
7440-50-8	COPPER	6.1			MS
7439-89-6	IRON				MS
7439-92-1	LEAD	3.5	T		MS
7439-96-5	MANGANESE	506			MS
7439-97-6	MERCURY	0.2	U		CV
7440-02-0	NICKEL	9	1 1		MS
9/7/7440	POTASSIUM				MS
7782-49-2	SELENIUM	0.22	11		MS
7440-22-4	SILVER	1	U		MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	0.019	J		MS
7440-62-2	VANADIUM	5.3			MS
7440-66-6	ZINC	116			MS

Color Belore: Color Alter	 Clarity Before: Clarity Alter	 Texture Artifacts	
Comments:		 	

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Torm to 18cm John

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USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

EFA SAMPLI: NO

					[MIII (BGII-C	
Lab Name:	DATACHEM LABO	ORATORIES	Contract:		_		
Lab Code		Case No.: 36335	NRAS No.			SDG NO.	MHTYDS
Matrix (soil/wate	r) WATER		Lab Sample ID				
Level (low/med):	LOW		Date Received	. —			
% Solids	NA -						
Concentration Ur	nits (ng/1, or mg/kg di	ry weight):	UG/L				
•	CAS No.	Analyte	Concentration	Γ	Q	М	
	7429-90-5	ALUMINUM	T	7		MS	
	7440-36-0	ANTIMONY	2	101		MS	
	7440-38-2	ARSENIC	2	1		MS	
	7440-39-3	BARIUM	42.9			MS	
	7440-41-7	BERYLLIUM	ı	U		MS	
	7440-43-9	CADMIUM	i	UT		MS	
	7440-70-2	CALCIUM		T		MS	
	7440-47-3	CHROMIUM	0.86	1		MS	
	7440-48-4	COBALT	0.31	11		MS	
	7440-50-8	COPPER	0.21	J		MS	
	7439-89-6	IRON				MS	
	7439-92-1	LEAD	1	U		MS	
	7439-96-5	MANGANESE	19.1	T		MS	
	7439-97-6	MERCURY	0.2	U		ĈΫ	
	7440-02-0	NICKEL.	0.97	J [MS	
	9/7/7440	POTASSIUM				MS	
	7782-49-2	SELENIUM	0.35	J		MS	
	7440-22-4	SILVER	I	U _		MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM	- 1	U		MS	
	7440-62-2	VANADIUM	5	U		MS	
	7440-66-6	ZINC	0.73	7		MS	

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

 EPA SAMPLE NO
MILIYE5
(BGH-GW-01)

Lab Name: DAT	ACHEM LABORATOR	RIES		Contract			
Lab Code:	('a	se No :	36335	NRAS No.:		SDG NO.:	MHIYDS
Matrix (soil/water):	WATER			Lab Sample (D			
Level (low/med):	LOW			Date Received:			
% Solids: NA					_		
Concentration Units (u	p/L or ing/kg dry weight	t):		UGAL			

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	ALUMINUM	1	I		MS
7440-36-0	ANTIMONY	2	U		MS
7440-38-2	ARSENIC	0.21]] [MS
7440-39-3	BARIUM	103			MS
7440-41-7	BERYLLIUM		U		MS
7440-43-9	CADMIUM	1	U		MS
7440-70-2	CALCIUM		$\Gamma \Gamma$		MS
7440-47-3	CHROMIUM	2.1			MS
7440-48-4	COBALT	0.34	77		_ MS
7440-50-8	COPPER	0.35	J		MS
7439-89-6	IRON				MS
7439-92-1	LEAD	1	Ū		MS
7439-96-5	MANGANESE	2.8			MS
7439-97-6	MERCURY	0.2	TU		_ T CV
7440-02-0	NICKEL.	2.7			MS
0/7/7440	POTASSIUM		T^{T}		MS
7782-49-2	SELENIUM	0.95	TT		MS
7440-22-4	SILVER	1	U		_ MS
7440-23-5	SODIUM		T		MS
7440-28-0	THALLIUM	l	U		MS
7440-62-2	VANADIUM	5	U		MS
7440-66-6	ZINC	1.5)		MS

Color Belore Color Alter:	 Clarity Belore Clarity After	 Texture. Antilacts	
Comments	 	 	

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Locustes Biological

USEPA - CLP 1A - IN (e-form)

INORGANIC ANALYSIS DATA SHEET EPA SAMPLE NO MIIIYE6 (BGH-GW-02) DATACHEM LABORATORIES Lab Name Contract. Lab Code Case No.: 36335 NRAS No: SDG NO: MH11YD5 Matrix (soil/water) WATER Lah Sample ID: LOW Level (low/med): Date Received % Solids NΛ Concentration Units (ug/L or mg/kg dry weight): UG/L Analyte Concentration м 7429-90-5 ALUMINUM MS 7440-36-0 ANTIMONY 0.3 MS 7440-38-2 ARSENIC 0.28 MS 7440-39-3 BARIUM 45.8 MS 7440-41-7 BERYLLIUM MS 7440-43-9 CADMIUM υ MS 7440-70-2 CALCIUM MS 7440-47-3 CHROMIUM 1.1 MS 7440-48-4 COBALT 0.18 ĵ MS 7440-50-8 COPPER 0.4 J MS 7439-89-6 IRON MS 7439-92-1 LEAD 0.039 j MS 7439-96-5 MANGANESE 6.6 MS

0.2

1.2

0.29

1_

0.77

U

J

U

IJ

U

CV

MS

MS

MS

MS

MS

MS

MS

MS

Color Belore Color Alter	 Clarity Belore Clarity Alter	 Texture. Artifacts:	
Conuncies	 	 	

7439-97-6

7440-02-0

9/7/7440

7782-49-2

7440-22-4

7440-23-5

7440-28-0

7440-62-2

7440-66-6

MERCURY

POTASSIUM

SELENIUM

THALLIUM

VANADIUM

NICKEL

SILVER

SODIUM

ZINC

USEPA - CLP 1A - IN (e-form)

						EPA SAMP	LI: N()
						MIII (BGII-G	-
Lab Name: 1	DATACHEM LABOR	RATORIES	Contract:		_		
Lah Code:		Case No: 36335	NRAS No.:			SDG NO	MHIYD
– Matrix (soil/water)) WATER		Lah Sample ID:				
Level (kiw/med)	LOW		Date Received:				
% Solids: N	YA		_				
- Concentration Uni	is (ug/L, or mg/kg dry	weigh():	UG/L				
	CAS No.	Analyte	Concentration	('	Q	М	
	7429-90-5	ALUMINUM		\top		MS	
	7440-36-0	ANTIMONY	0.14	j		MS	
	7440-38-2	ARSENIC	1	Ū		MS	
	7440-39-3	BARIUM	0.18	j		MS	
	7440-41-7	BERYLLIUM	1	U		MS	
	7440-43-9	CADMIUM	1	Ū		MS	
	7440-70-2	CALCIUM				MS	
	7440-47-3	CHROMIUM	0.55	1,1		MS	
	7440-48-4	COBALT	1	Ū		MS	
	7440-50-8	COPPER	0.41	1		MS	
	7439-89-6	IRON		11		MS	
	7439-92-1	LEAD	0.036	1		MS	
	7439-96-5	MANGANESE	0.39	1,		MS	
	7439-97-6	MERCURY	0.2	TŪ		CV	
	7440-02-0	NICKEL	0.088	1		MS	
	9/7/7440	POTASSIUM		\vdash		MS	
	7782-49-2	SELENIUM	5	Ū		MS	
	7440-22-4	SILVER		Ū		MS	
	7440-23-5	SODIUM		1		MS	
	7440-28-0	THALLIUM	1	U		MS	
	7440-62-2	VANADIUM	5	U		MS	
	7440-66-6	ZINC	3	11		MS	

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO (BGH-GW-07) DATACHEM LABORATORIES Lab Name Contract. Lah Code. Case No.: 36335 NRAS No.: SDG NO.: MHTYDS WATER Matrix (soil/water). Lab Sample ID: Level (low/med). LO₩ Date Received: % Solids NΛ Concentration Units (11g/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	TCT	Q	М
7429-90-5	ALUMINUM		7		MS
7440-36-0	ANTIMONY	0.096	11		MS
7440-38-2	ARSENIC	ī	U		MS
7440-39-3	BARIUM	10	U		MS
7440-41-7	BERYLLIUM	1	Tu		MS
7440-43-9	CADMIUM		U		MS
7440-70-2	CALCIUM				MS
7440-47-3	CHROMIUM	0.49	11		MS
7440-48-4	COBALT	1	U		MS
7440-50-8	COPPER	0.19	7,7		MS
7439-89-6	IRON		1		MS
7439-92-1	LEAD	0.022	7,7		MS
7439-96-5	MANGANESE	1	U		MS
7439-97-6	MERCURY	0.2	U		ČV
7440-02-0	NICKEL	1	U		MS
9/7/7440	POTASSIUM		7		MS
7782-49-2	SELENIUM	.5	U		MS
7440-22-4	SILVER	1	U		MS
7440-23-5	SODIUM		T		MS
7440-28-0	THALLIUM	1	U		MS
7440-62-2	VANADIUM	5	U		MS
7440-66-6	ZINC'	2.2			MS

Color Alter	 Clamy Belore Clarity Alter:	 Texture. Attifacts	
Connucuts	 	 	

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

EFA SAMPLE NO MILLYES (BGH-GW-05) DATACHEM LABORATORIES Contract: Lab Name Lab Code: Case No.: NRAS No. SDG NO: MHTYD5 Matrix (soil/water). WATER Lab Sample 1D Date Received. LOW Level (low/med): NA % Solids: Concentration Units (ug/L or mg/kg dry weight): UG/L CAS No. ('oncentration Analyte 7429-90-5 ALUMINUM MS 7440-36-0 ANTIMONY 0.11 MS 0.28 MS 7440-38-2 ARSENIC 52.7 7440-39-3 BARIUM MS 7440-41-7 BERYLLIUM U MS U MS 7440-43-9 CADMIUM MS 7440-70-2 CALCIUM 7440-47-3 CHROMIUM 1.2 7 MS 7440-48-4 COBALT 0.29 J MS 7440-50-8 COPPER 0.24 7 MS 7439-89-6 IRON MS 7439-92-1 LEAD 0.046 7 MS 7439-96-5 MANGANESE 14.6 MS ČV 7439-97-6 MERCURY 0.2 Ū 1.3 MS 7440-02-0 NICKEL MS 9/7/7440 POTASSIUM 0.39 MS 7782-49-2 SELENIUM SILVER U MS 7440-22-4 7440-23-5 SODIUM MS 7440-28-0 THALLIUM U MS 7440-62-2 VANADIUM U MS 0.88 MS 7440-66-6 ZINC Color Before Clarity Below Texture Color After: Clanty Alter Artifacts Comments

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

% Solids: NA

Lab Name:

Lab Code

Matrix (soil/water):

Level (low/med)

Concentration Units (ug/L or mg/kg dry weight):

LOW

UG/L

Lah Sample H)

Date Received:

CAS No.	Analyte	Concentration	$\Box c$	Q	М
7429-90-5	ALUMINUM		T = T		MS
7440-36-0	ANTIMONY	0.086	J		MS
7440-38-2	ARSENIC	0.32	J		MS
7440-39-3	BARIUM	53.5			MS
7440-41-7	BERYLLIUM	i i	U		MS
7440-43-9	CADMIUM	i i	Ū		MS
7440-70-2	CALCIUM		$T^{-}T$		MS
7440-47-3	CHROMIUM	1.2	j		MS
7440-48-4	COBALT	0.29	J		MS
7440-50-8	COPPER	0.37]]		MS
7439-89-6	IRON				MS
7439-92-1	LEAD	0.04			MS
7439-96-5	MANGANESE	14.8	TTT		MS
7439-97-6	MERCURY	0.2	U		CV
7440-02-0	NICKEL	1.3			MS
9/7/7440	POTASSIUM		$\Gamma^{-}\Gamma$		MS
7782-49-2	SELENIUM	0.31	1		MS
7440-22-4	SILVER	I	U		MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	I	U		MS
7440-62-2	VANADIUM	5	I U L		MS
7440-66-6	ZINC	0.65	J		MS

Color Before Color Affec	 Clarity Beloic	 Texture: Artifacts	
'omments	 	 	

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

								2,7,374	132 110
								MIII (BGH-G	
Lab Name:	DATACH	EM LABO	RATORIES		Contract				
Lab Code			Case No.:	36335	NRAS No:			SDG NO.:	MH1YD5
Matrix (soil/wate	er): W	ATER			Lab Sample ID:				
Level (low/med):	: 10)W			Date Received.				
% Solids:	NA -				_	_			
Concentration Ur	nits (ug/l, or	mg/kg dry	weight):		UG/L				
									
		AS No.	Analyte		Concentration	C	Q	M	
	7429-	90-5	ALUMINUM					MS	
	7440-	36-0	ANTIMONY		0.12	TIT		MS	
	7440-	38-2	ARSENIC		0.66	1		MS	
	7440-	39-3	BARIUM		49.7	1-1		MS	
	7440-	41-7	BERYLLIUM	1		Ü		MS	
	7440	42.0	CADMILIM			1 1		1340	

7 727 70 27	TIEGHT TOM			
7440-36-0	ANTIMONY	0.12]	MS
7440-38-2	ARSENIC	0.66	J	MS
7440-39-3	BARIUM	49.7	7-7	MS
7440-41-7	BERYLLIUM	1	Ü	MS
7440-43-9	CADMIUM	1	U	MS
7440-70-2	CALCIUM			MS
7440-47-3	CHROMIUM	0.94	J	MS
7440-48-4	COBALT	0.34	1	MS
7440-50-8	COPPER	i	J	MS
7439-89-6	IRON		$\neg \neg \neg$	MS
7439-92-1	LEAD	0.084	1	MS
7439-96-5	MANGANESE	31.1	\neg	MS
7439-97-6	MERCURY	0.2	Ü	CV
7440-02-0	NICKEL	1.6		MS
0/7/7440	POTASSIUM			MS
7782-49-2	SELENIUM	0.31]	MS
7440-22-4	SILVER	ı	U	MS
7440-23-5	SODIUM			MS
7440-28-0	THALLIUM	1	U	MS
/440-62·2	VANADIUM	0.45	j	MS
7440-66-6	ZINC	0.88	J	MS

Color Before Color After	 Clarity Before.	 Texture: Artifacts	
Comments		 	

Form IA. IN 6. forms

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Lorn IA - IN 6 John

H.MIDs

Bushnell General Hospital Un-validated Data

(data was not validated as per EPA Project Manager's instructions)

Inorganic Results

Surface-Water Samples

USEPA - CLP 1A - IN (e-form) INODCANIC ANALYSIS DATA SHEE

INORGANIC ANALYSIS DATA SHEET EPA SAMPLE NO MILIPW5 (BGH-SW-20) Lab Name: DATACHEM LABORATORIES Contract: MHHPW5 Lah Code: 36335 NRAS No.: SDG NO.: Matrix (soil/water) WATER Lab Sample ID: LOW Level (low/med): Date Received: NA % Solids: Concentration Units (ug/L or mg/kg dry weight) UG/L Analyte Concentration м 7429-90-5 ALUMINUM MS 7440-36-0 ANTIMONY 0.25 MS 7440-38-2 ARSENIC 0.8 MS 7440-39-3 BARIUM 24.8 MS 7440-41-7 BERYLLIUM Ū MS 7440-43-9 Ū CADMIUM MS 7440-70-2 MS CALCIUM 0.5 7440-47-3 CHROMIUM MS 7440-48-4 COBALT 0.13 ______ MS 7440-50-8 COPPER 1.4 J MS 7439-89-6 IRON MS 7439-92-1 LEAD 0.08 7 MS 7439-96-5 MANGANESE 19.9 MS 7439-97-6 MERCURY 0.019 CV 7440-02-0 NICKEL 0.66 7 MS 7440-09-7 MS POTASSIUM Ū MS 7782-49-2 SELENIUM MS Ū 7440-22-4 SILVER

Color Belore Clarity Belore	 Testure.	
Color Alter Clarity After	 Anifacts	
Connects	 	

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0.2

0.39

1.2

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SODIUM

ZINC

THALLIUM

VANADIUM

7440-23-5 7440-28-0

7440-62-2

7440-66-6

USEPA - CLP 1A - IN (e-form)

		•			- 1	MIII (BGILS	
Lab Name	DATACHEM LABO	RATORIES	Contract:		•		
Lab Code:		Case No.: 36335	NRAS No.:	_		SDG NO.:	Malipw
- Matrix (soil/water): WATER		Lah Sample (D:	_			
.evel (low/med)	LOW		Date Received				
Solids 1	NA .			_			
Concentration Uni	its (ug/L or mg/kg dry	weight):	UG/L				
	CAS No	Analyte	Concentration	ľ	Ų	М	
	7429-90-5	ALUMINUM				MS	
	7440-36-0	ANTIMONY	0.11			MS	
	7440-38-2	ARSENIC	0.92			MS	
	7440-39-3	BARIUM	38.3			MS	
	7440-41-7	BERYLLIUM	ı	U		MS	
	7440-43-9	CADMIUM		U		MS	
	7440-70-2	CALCIUM			Γ	MS	
	7440-47-3	CHROMIUM	0.57	J		MS	
	7440-48-4	COBALT	0.15	J		MS	
	7440-50-8	COPPER	3.5			MS	
	7439-89-6	IRON				MS	
	7439-92-1	LEAD	0.05	J		MS	
	7439-96-5	MANGANESE	15			MS	
	74.39-97-6	MERCURY	0.025]		CV	
	7440-02-0	NICKEL	0.77			MS	
	7440-09-7	POTASSIUM				MS	
	7782-49-2	SELENIUM		U		MS	
	7440-22-4	SILVER	l l	U		MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM		P		MS	
	7440-62-2	VANADIUM	5	U	L	MS	
	7440-66-6	NINC.	1.4	J		MS	
iku Helore iku Alici		Clarity Before Clarity Alter.			Texture Artifacts		

MS

MS

MS

MS

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO MIIIPX5 (BG11-SW-22) DATACHEM LABORATORIES Lab Name Contract: Lab Code: 36335 NRAS No.: SDG NO.: MHTPW5 Matrix (soil/water): WATER -Lab Sample ID: Level (low/med) LO₩ Date Received: Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	м
7429-90-5	ALUMINUM				MS
7440-36-0	ANTIMONY	0.1	7-7		MS
7440-38-2	ARSENIC	0.8	1		MS
7440-39-3	BARIUM	50.7	\top		MS
7440-41-7	BERYLLIUM		Tul		MS
7440-43-9	CADMIUM		U		MS
7440-70-2	CALCIUM				MS
7440-47-3	CHROMIUM	0.65	1 1		MS
7440-48-4	COBALT	0.12	T J		MS
7440-50-8	COPPER	8.1	T		MS
7439-89-6	IRON				MS
7439-92-1	LEAD	0.09]		MS
7439-96-5	MANGANESE	6.8	T- T-		MS
7439-97-6	MERCURY	0.02	T T		CV
7440-02-0	NICKEL.	0.52	1		MS
7440-09-7	POTASSIUM				MS
7782-49-2	SELENIUM	0.2	1		MS
7440-22-4	SILVER	i	Ü		MS
7440-23-5	SODIUM		\top		MS
7440-28-0	THALLIUM	1	U		MS
7440-62-2	VANADIUM	0.45	1		MS
7440-66-6	ZINC	2.6			MS

Tolor Before.	 Clarity Before	 Texture	
'olor Alter:	 Clarity After	 Artifacts	
omments	 	 	
(Millika)			

Torm by 18 or form.

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

MILIPX6 (BGH-SW-23)

						11.20.7
at Name: DA	ATACHEM LABO	RATORIES		Contract:		
ab Code:		Case No.:	36335	NRAS No.	 SDG NO.:	MHIPW5
Aatrix (soil/water):	WATER			Lab Sample ID:		
evel (low/med)	LOW			Date Received		
6 Solids: NA				_		

UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	ALUMINUM		\top		MS
7440-36-0	ANTIMONY	0.1	J		MS
7440-38-2	ARSENIC	0.91	J		MS
7440-39-3	BARIUM	49.9	T		MS
7440-41-7	BERYLLIUM		U		MS
7440-43-9	CADMIUM	1	U		MS
7440-70-2	CALCIUM		T		MS
7440-47-3	CHROMIUM	0.66	11		MS
7440-48-4	COBALT	0.09	7		MS
7440-50-8	COPPER	7.3			MS
7439-89-6	IRON				MS
7439-92-1	LEAD	}	U		MS
7439-96-5	MANGANESE	6.4	\top		MS
7439-97-6	MERCURY	0.023	7		CV
7440-02-0	NICKEL	0.51	11		MS
7440-09-7	POTASSIUM				MS
7782-49-2	SELENIUM	0.33	77		MS
7440-22-4	SILVER	T T	U I		MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	1	U		MS
7440-62-2	VANADIUM	0.37	1		MS
7440-66-6	ZINC	0.97			MS

Color Before.	 Clarity Before.	 Texture.	
Color After:	 Clarity Alter	 Artifacts:	
Comments	 	 	

n spir.

Concentration Units (ug/L or mg/kg dry weight).

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO. MIIIYDS

							(BGH-S	W-24)
Lab Name: 13	DATACI	IEM LAIKOR	RATORIES		Contract:	·		
Lab Code:			Case No	36335	NRAS No.:		SDG NO	MH1YD5
Matrix (soil/water):	i:	WATER			Lab Sample ID:			
Level (low/med):	Ī	LOW			Date Received.			
% Solids: N	ıv _							
Concentration Unit	s (up/L	or mg/kg dry	weight)		UG/L			

Concentration Units (ug/L or mg/kg dry weight):

CAS No	Analyte	Concentration	C	Q .	М
7429-90-5	ALUMINUM	1	1		MS
7440-36-0	ANTIMONY	0.21	J		MS
7440-38-2	ARSENIC	0.89	J		MS
7440-39-3	BARIUM	47.6			MS
7440-41-7	BERYLLIUM	j i	U		MS
7440-43-9	CADMIUM	1	υ		MŚ
7440-70-2	CALCIUM				MS
7440-47-3	CHROMIUM	0.83	J		MS
7440-48-4	COBALT	0.15	T J	-	MS
7440-50-8	COPPER	4.3	\Box		MS
7439-89-6	IRON				MS
7439-92-1	LEAD	0.21	J		MS
7439-96-5	MANGANESE	11.3			MS
7439-97-6	MERCURY	0.2	Ü		CV
7440-02-0	NICKEL	0.81	J		MS
9/7/7440	POTASSIUM		I1		MS
7782-49-2	SELENIUM	0.35			MS
7440-22-4	SILVER	1	Ü		MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	0.16	J		MS
440-62-2	VANADIUM	0.47	J		MS
440-66-6	ZINC	2.3	1-7		MS

Color Belore	Clarity After:	Texture. Artifacts
· ountwat.		

Bushnell General Hospital Un-validated Data

(data was not validated as per EPA Project Manager's instructions)

Inorganic Results

Soil Samples

EPA SAMPLI: NO MIDPIS (BG11-SB(2)-50) Lah Name: DATACHEM LABORATORIES Contract SDG NO.: минитя Lab Code. NRAS No Lab Sample ID: Matrix (soil/water): LOW Date Received. Level (low/med): % Solids 93.5 Concentration Units (up/1, or mg/kg thy weight): MG/KG

CAS No.	Analyte	Concentration	ı.	Ų	М
7429-90-5	ALUMINUM		TT		MS
7440-36-0	ANTIMONY	0.22	7		MS
7440-38-2	ARSENIC	3.9			MS
7440-39-3	BARIUM	35.1	T = T		MS
7440-41-7	BERYLLIUM	0.19			MS
7440-43-9	CADMIUM	11.0			MS
7440-70-2	CALCIUM				MS
7440-47-3	CHROMIUM	5.7	T		MS
7440-48-4	COBALT:	2.5			MS
7440-50-8	COPPER	6.3	Γ		MS
7439-92-1	LEAD	6.5			MS
7439-96-5	MANGANESE	174			MS
7439-97-6	MERCURY	0.012			CV
7440-02-0	NICKEL	5.2			MS
9/7/7440	POTASSIUM				MS
7782-49-2	SELENIUM	0.13			MS
7440-22-4	SILVER	0.21	U		MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	0.03			MS
7440-62-2	VANADIUM	6.1			MS
7440-66-6	ZINC	14.9	ΓT		TMS

'nlor Belore 'olor Affer	 Clarity Belore Clarity After:	 Texture Artifacts:	
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Torm to Two forms

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEE

					_	EPA SAMPLE, NO.		
						MH1P19 (BGH-SF(0.5)-50)		
Lah Nume:	DATACHEM LABO	RATORIES	Contract:	Contract:				
Lab Code:		Case No: 36335	NRAS No.			SDG NO.:	MHIPT	
Mutrix (soil/water): SOIL		Lab Sample 10					
Level (kiw/med):	LOW		Date Received					
% Solids:	93.6		 .					
Concentration Uni	its (ug/l, or mg/kg dr)	y weight):	MC/KG					
	CAS No	Analyte	Concentration	С	Q	M		
	7429-90-5	ALUMINUM				MS		
	7440-36-0	ANTIMONY	0.14			MS		
	7440-38-2	ARSENIC	3.4			MS		
	7440-39-3	BARIUM	33.1			MS		
	7440-41-7	BERYLLIUM	0.17	_ 1 _]		MS		
	7440-43-9	CADMIUM	0.086	1		MS		
	7440-70-2	CALCIUM				MS		
	7440-47-3	CHROMIUM	6.1			MS		
	7440-48-4	COBALT	2.7			MS		
	7440-50-8	COPPER	6.3			MS		
	7439-92-1	LEAD	6.3	1		MS		
	74.19-96-5	MANGANESE	178			MS		
	7439-97-6	MERCURY	0.0069	_ j		CV		
	7440-02-0	NICKEL	6.3			MS		
	9/7/7440	POTASSIUM				MS		
	7782-49-2	SELENIUM	0.14	1		MS		
	7440-22-4	SILVER	0.21	U		MS		
	7440-23-5	SODIUM				MS		
	7440-28-0	THALLIUM	0.022	J		MS		
	7440-62-2	VANADIUM	6			MS		
	7440-66-6	ZINC	16.1			MS		

EPA SAMPLE NO
MILIPWO
(BGH-SS(20)-50)

SOIL LOW or mg/kg dry	Case No. 36335	Contract: NRAS No. Lab Sample ID- Date Received:	-		SDG NO.	<u>M</u>
LOW		Lab Sample ID	-		SDG NO.	<u>М</u> І
LOW		··	-			
		Date Received:	_			
or mg/kg dry		_	_			
or mg/kg dry	-					
	weight)-	MG/KG				
		·				
CAS No.	Analyte	Concentration	C	Q	М	
9-90-5	ALUMINUM	-	Π	I	MS	
0-36-0	ANTIMONY	0.071	J		MS	
0-38-2	ARSENIC	6.4	\top	1	MS	
0-39-3	BARIUM	12.5		Ì	MS	
)-41-7	BERYLLIUM	0.077	T		MS	
0-43-9	CADMIUM	0.016	ī		MS	
)-70-2	CALCIUM				MS	
)-47-3	CHROMIUM	3.7			MS	
)-48-4	COBALT'	3.2			MS	
)-50-8	COPPER	7			MS	
)-92-1	LEAD	3.8			MS	
7-96-5	MANGANESE	134			MS	
9-97-6	MERCURY	0.003	ij		CV	
0-02-0	NICKEL	6.2	-	·	MS	
7440	POTASSIUM				MS	
2-49-2	SELENIUM .	0.72	Ü		MS	
	SILVER	0.21	Ū		MS	
)-23-5	SODIUM				MS	
)-28-()		0.52	U		MS	
			-		MS	
	ZINC	11.8			MS	
	CAS No. 9-90-5 0-36-0 0-36-0 0-38-2 0-39-3 0-41-7 0-43-9 0-70-2 0-47-3 0-48-4 0-50-8 9-92-1 0-90-5 0-02-0 7440 0-49-2 0-22-4 0-22-4 0-22-4 0-66-6	9-90-5 ALUMINUM 0-36-0 ANTIMONY 0-38-2 ARSENIC 0-39-3 BARIUM 0-41-7 BERYLLIUM 0-43-9 CADMIUM 0-70-2 CALCIUM 0-47-3 CHROMIUM 0-47-3 CHROMIUM 0-48-4 COBALT 0-50-8 COPPER 0-92-1 LEAD 0-90-5 MANGANESE 0-92-1 LEAD 0-90-6 MERCURY 0-00-0 NICKEL 0-00-0 NICKEL 0-00-0 NICKEL 0-00-0 SELENIUM 0-00-0 SELENIUM 0-00-0 SILVER 0-00-0 TIBALIUM 0-00-0 TIBALIUM 0-00-0 TIBALIUM	9-90-5 ALUMINUM 0-36-0 ANTIMONY 0.071 0-38-2 ARSENIC 6.4 0-39-3 BARIUM 12.5 0-41-7 BERYLLIUM 0.077 0-43-9 CADMIUM 0.016 0-70-2 CALCIUM 0.076-2 CALCIUM 0.077 0-48-4 COBALT 3.2 0-50-8 COPPER 7 0-92-1 LEAD 3.8 0-99-5 MANGANESE 134 0-99-6 MERCURY 0.003 0-00-0 NICKEL 6.2 1440 POTASSIUM 0.72 0-22-4 SILVER 0.21 0-23-5 SODIUM 0.52 0-23-5 SODIUM 0.52 0-62-2 VANADIUM 0.52	9-90-5 ALUMINUM 0-36-0 ANTIMONY 0-38-2 ARSENIC 6-4 0-39-3 BARIUM 12.5 0-41-7 BERYLLIUM 0-077 J 0-43-9 CADMIUM 0-070-2 CALCIUM 0-47-3 CHROMIUM 0-47-3 CHROMIUM 0-47-3 CHROMIUM 0-48-4 COBALT 0-90-8 COPPER 7 0-92-1 LEAD 0-90-5 MANGANESE 134 0-90-5 MERCURY 0-003 0-00-0 NICKEL 0-2-2-2 SELENIUM 0-72 U 0-22-4 SILVER 0-21 U 0-23-5 SODIUM 0-52-0 TIALIJUM 0-52 U 0-62-2 VANADIUM 0-52 U 0-62-2 VANADIUM 0-62-2 VANADIUM 0-62-2 VANADIUM 0-71 J 0-071	9-90-5 ALUMINUM 0-36-0 ANTUMONY 0-38-2 ARSENIC 6-4 0-39-3 BARIUM 12.5 0-41-7 BERYLLIUM 0-077 J 0-43-9 CADMIUM 0-070-2 CALCIUM 0-070-2 CALCIUM 0-47-3 CHROMIUM 0-47-3 CHROMIUM 0-48-4 COBALT 0-50-8 COPPER 7 0-92-1 LEAD 0-90-5 MANGANESE 134 0-90-6 MERCURY 0-003 J 0-00-0 NICKEL 0-24-0 NICKEL 0-24-0 SELENIUM 0-72 U 0-22-4 SILVER 0-21 U 0-23-5 SODIUM 0-28-0 TIIALIJUM 0-52 U 0-62-2 VANADIUM 0-52 U 0-62-2 VANADIUM 0-52 U 0-62-2 VANADIUM 0-71 J 0-071 J	9-90-5 ALUMINUM

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

						EPA SAMITE: NO.	
							PW1 (162)-50)
Lab Name:	DATACHEM LABO	DATACHEM LABORATORIES Contract					
Lah Code:	_	Case No.: 36	335 NR/	S No.:		SDG NO.:	мнит
Mairix (s⇔l/wa	ter): SOIL	_	Lab Sam	ple II) [.]			
Level (low/med): LOW		Date Rec	rived:			
* Solids:	90.6				 -		
Concentration (inits (up/L or mp/kg dr	weight).	MG/KG				
	·			-			
	CAS No.	Analyte	Concentration	ın (<u> </u>	M	
	7429-90-5	ALUMINUM		 		MS	
	7440-36-0	ANTIMONY	0.23			MS	
	7440-38-2 7440-39-3	BARIUM	67.1			MS	
	7440-39-3	BERYLLIUM	0.19	- , -		MS	
	7440-43-9	CADMIUM	0.062	 		MS	
	7440-70-2	CALCIUM	0.002			MS	
	7440-47-3	CHROMIUM	159	- - -		MS	
	7440-47-3	COBALT	14.5	+++		MS	
	7440-50-8	COPPER	36.1			MS	
	7439-92-1	LEAD	11.9			MS	
	7439-96-5	MANGANESE	577			MS	
	7439-97-6	MERCURY	0.012			CV	
	7440-02-0	NICKEL	55.1	- - -		MS	
	9/7/7440	POTASSIUM				MS	
	7782-49-2	SELENIUM	0.19	 		MS	
	7440-22-4	SILVER	0.27			MS	
		SODIUM				MS	
	7440-23-5		0.051	1 1 1		l MS	
		THALLIUM	0.051			MS MS	

Color Before.	 Clarity Before		Texture;	
Color After	 Clarity After.		Artifacts	
Comments.	 			
	 			

INORGANIC ANALYSIS DATA SHEET FPA SAMPLE NO MILIPW3 (BGH-SF(0.5)-73) Lab Name: DATACHEM LABORATORIES Contract: Lub Code Case No: 36335 NRAS No SDG NO: MHHPT8 Matrix (soil/water) SOIL Lab Sample ID: Level (low/med): LOW Date Received % Solids: 74 1 Concentration Units (ug/L or mg/kg dry weight). MOKG CAS No. Analyte Concentration м 7429-90-5 ALUMINUM MS 7440-36-0 ANTIMONY 0.19 J MS 7440-38-2 ARSENIC 6.3 MS 7440-39-3 BARIUM 67.2 MS 7440-41-7 BERYLLIUM 0.34 J MS 7440-43-9 CADMIUM J 0.24 MS 7440-70-2 CALCIUM MS 7440-47-3 CHROMIUM 9.6 MS 7440-48-4 COBALT 6 MS 7440-50-8 COPPER 15.2 MS 7439-92-1 LEAD 20 MS 7439-96-5 MANGANESE 380 MS 7439-97-6 MERCURY 0.036 CV 7440-02-0 NICKEL 12.8 MS 0/7/7440 POTASSIUM MS 7782-49-2 SELENIUM 0.24 MS

'olor Before: 'olor Alter	 Clarity Belon Clarity After:	 Texture Artifacts	
'onments'			

0.15

0.041

11.1

41.1

j

MS

MS

MS

MS

MS

BAIO.

7440-22-4

7440-23-5

7440-28-0

7440-62-2

7440-66-6

SILVER

SODIUM

ZINC

THALLIUM

VANADIUM

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

INORGANIC ANALYSIS DATA SHEET EPA SAMPLE NO MIIIPW4 (BGH-SB(2)-73) DATACHEM LABORATORIES Contract: Lab Name SDG NO.: MHIPTN NRAS No. Lab Code: Case No 36335 Lab Sample ID SOIL Matrix (soil/water): Level (low/med): LOW Date Received % Solids. MG/KG Concentration Units (ug/L or mg/kg dry weight): CAS No Analyte Concentration Q MS 7429-90-5 ALUMINUM ANTIMONY J MS 7440-36-0 ARSENIC 14.5 MS 7440-38-2 7440-39-3 BARIUM 111 MS MS 7440-41-7 BERYLLIUM 0.53 MS 7440-43-9 CADMIUM 0.31 MS 7440-70-2 CALCIUM MS 7440-47-3 CHROMIUM 18.4 MS 7440-48-4 COBALT 9.3 COPPER 28.2 MS 7440-50-8 36.9 MS LEAD 7439-92-1 MANGANESE 496 MS 7439-96-5 MERCURY 0.024 CV 7439-97-6 7440-02-0 NICKEL 21.9 MS MS 9/7/7440 POTASSIUM MS 0.27 7782-49-2 SELENIUM MS 7440-22-4 SILVER 0.21 J MS 7440-23-5 SODIUM 7440-28-0 THALLIUM 0.18 J MS MS 7440-62-2 VANADIUM 20.4 ZINC MS 7440-66-6 Texture. Color Before. Clarity Before: Clarity After Color Alter:

EPA SAMPLE NO MIIIPW6 (BGH-SF(0.5)-75) DATACHEM LABORATORIES Lab Name: Contract Lab Code Case No. 36335 NRAS No SDG NO.: MHHPT8 Matrix (soil/water): Lab Sample ID: Cevel (low/med) LOW Date Received: % Solids 71.8 Concentration Units (ug/L or mg/kg dry weight). MG/KG

CAS No.	Analyic	Concentration	('	Q	М
7429-90-5	ALUMINUM	Ĭ ·	1		MS
7440-36-0	ANTIMONY	0.35	j		MS
7440-38-2	ARSENIC	13.7			MS
7440-39-3	BARIUM	85.4			MS
7440-41-7	BERYLLIUM	0.49	T J		MS
7440-43-9	CADMIUM	0.2]		MS
7440-70-2	CALCIUM				MS
7440-47-3	CHROMIUM	19.4			MS
7440-48-4	COBALT	10.6			MS
7440-50-8	COPPER	24.2	1		MS
7439-92-1	LEAD	22.8			MS
7439-96-5	MANGANESE	621			MS
7439-97-6	MERCURY	0.024	J		CV
7440-02-0	NICKEL	23.6			MS
9/7/7440	POTASSIUM				MS
7782-49-2	SELENIUM	0.29	7		MS
7440-22-4	SILVER .	0.15	J I		MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	0.066	J		MS
7440-62-2	VANADIUM	19.9			MS
7440-66-6	ZINC	57.5			MS

olor Betore folor Affer	 Clarity Before Clarity After:	 Texture. Anitacts	
onments	 	 	

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

						MIII (BGII-SI	
Lab Name:	DATACHEM LABO	RATORIES	Contract:		_		
Lab Code:		Case No.: 36335	NRAS No.:			SDG NO	мнаг
Matrix (soil/wate	er): SOIL		Lab Sample ID:				
evel (low/med)	LOW	· · · · · · · · · · · · · · · · · · ·	Date Received:	_			
6 Solids	96.3		-	_	-		
		_					
Concentration Un	oits (ug/L or mg/kg dry	weight):	MG/KG				
	CAS No.	Analyte	Concentration	C	Q	M	
	7429-90-5	ALUMINUM				MS	
	7440-36-0	ANTIMONY	0.21	J		MS	
	7440-38-2	ARSENIC	9.1			MS	
	7440-39-3	BARIUM	65.7			MS	
	7440-41-7	BERYLLIUM	0.44			MS	
	7440-43-9	CADMIUM	0.14	J	1	MS	
	7440-70-2	CALCIUM				MS	
	7440-47-3	CHROMIUM	38.8			MS	
	7440-48-4	COBALT	8.4			MS	
	7440-50-8	COPPER	16.3			MS	
	7439-92-1	LEAD	12.4			MS	
	7439-96-5	MANGANESE	381			MS	
	7439-97-6	MERCURY	0.011	J		CV	
	7440-02-0	NICKEL	24.7			MS	
	9/7/7440	POTASSIUM	· · ·			MS	
	7782-49-2	SELENIUM	0.18	j		MS	
	7440-22-4	SII.VER	0.068]		MS	
	7440-23-5	SODIUM			· · · · · · · · · · · · · · · · · · ·	MS	
	7440-28-0	THALLIUM	0.064			MS	
		VANADIUM	19.1			MS	
	7440-62-2	I AVIAVISTOM I	19.1				

							EPA SAMPLE: NO		
					[MIIII (BGH-SF			
Lah Name:	DATACHEM LABO	TACHEM LABORATORIES Contract:							
Lab Code:		Case No. 36335	Case No 36335 NRAS No			SDG NO : MHIP			
Matrix (soil/wat	er) SOIL		Lub Sample ID.						
Level (low/incd)	LOW		Date Received:	Date Received:					
% Solids:	83.8	-							
Concentration O	mits (ug/L or mg/kg dr)	weight):	MG/KG						
	CAS No	Analyte	Concentration	C	Q	М			
	7429-90-5	ALUMINUM		\top		MS			
	7440-36-0	ANTIMONY	0.3	1 1		MS			
	7440-38-2	ARSENIC	9.9			MS			
	7440-39-3	BARIUM	89.1			MS			
	7440-41-7	BERYLLIUM	0.42	1,		MS			
	7440-43-9	CADMIUM	0.23	j		MS			
	7440-70-2	CALCIUM				MS			
	7440-47-3	CHROMIUM	14.3			MS			
	7440-48-4	COBALT	8.2			MS			
	7440-50-8	COPPER	18.8	T		MS			
	7439-92-1	LEAD	16.4			MS			
	7439-96-5	MANGANESE	494		·	MS			
	7439-97-6	MERCURY	0.015	J		CV			
	7440-02-0	NICKEL	17.9			MS			
	9/7/744()	POTASSIUM				MS			
	7782-49-2	SELENIUM	0.18	J		MS			
	744()-22-4	SILVER	0.24	U		MS			
	7440-23-5	SODIUM				MS			
	7440-28-0	THALLIUM	0.086	J		MS			
		VANADIUM	19.7			MS			
	7440-62-2	ZINC	49.6						

olor Belore olor After.	 	Clarity Before Clarity After.	 	Texture. Artifacts	 _ _
omments:	 			· · · · · · · · · · · · · · · · · · ·	
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USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

MITTPW9 (BGIT-SB(2)-74

					ļ	(BGH-SE	3(2)-74)
Lab Name:	DATACHEM LABO	RATORIES	Contract:	_		_	
Lab Code:		Case No.: 36335	NRAS No.			SDG NO	MILLE
Matrix (soil/wa	ier): SOIL	·	Lab Sample II)				
.evel (low/med): LOW		Date Received				
% Solids:	85 4			_			
Concentration (inits (ug/L or mg/kg dry	/ weight):	MG/KG				
	CAS No.	Analyte	Concentration	С	Q	M	
	7429-90-5	ALUMINUM				MS	
	7440-36-0	ANTIMONY	0.27	J	L	MS	
	7440-38-2	ARSENIC	12.2			MS	
	7440-39-3	BARIUM	92.6			MS	
	7440-41-7	BERYLLIUM	0.46	J		MS	
	7440-43-9	CADMIUM	0.19	J	1	MS	
	7440-70-2	CALCIUM			1	MS	
	7440-47-3	CHROMIUM	17.6	<u> </u>		MS	
	7440-48-4	COBALT	9.9			MS	
	7440-50-8	COPPER	20.8			MS	
	7439-92-1	LEAD	14.2			MS	
	7439-96-5	MANGANESE	524			MS	
	7439-97-6	MERCURY	0.011	J		CV	
	7440-02-0	NICKEL	20	1		MS	
	9/7/7440	POTASSIUM]		MS	
	7782-49-2	SELENIUM	0.25	J		MS	
	7440-22-4	SILVER	0.23	U.		MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM	0.082	J	T	MS	
	7440-62-2	VANADIUM	19.6			MS	
	7440-66-6	7JNC	48.8			MS	

SOIL.	RATORIES Case No.: 36335	Contract: NRAS No.		L	MIIII (BGH-SF)	
						-
SOIL.	Case No.: 36335	NRAS No				
SOIL.					SDG NO.:	MHHPIP
		Lab Sample ID:				 -
LOW		Date Received.	-			
.1						
(ug/t, or mg/kg dr)	- <u> </u>	MG/KG				
CAS No	Analyte	Concentration	C	Q	М	
7429-90-5	ALUMINUM		\Box		MS	
7440-36-0	ANTIMONY	0.26)		MS	
7440-38-2	ARSENIC	9.8			MS	
7440-39-3	BARIUM	95.6			MS	
7440-41-7	BERYLLIUM	0.43	J		MS	
7440-43-9	CADMIUM	0.3	J		MS	
7440-70-2	CALCIUM				MS	
7440-47-3	CHROMIUM	15.8			MS	
7440-48-4	COBALT	8.2			MS	
7440-50-8	COPPLR	19.6			MS	
7439-92-1	LEAD	18.5			MS	
7439-96-5	MANGANESE	502			MS	
7439-97-6	MERCURY	0.012	J		CV	
7440-02-0	NICKEL	18.1			MS	
9/7/7440	POTASSIUM				MS	
7782-49-2	SELENIUM	0.23	J		MS	
7440-22-4	SILVER	0.24	U		MS	
7440-23-5	SODIUM				MS	
7440-28-0	THALLIUM	0.083	J		MS	
7440-62-2	VANADIUM	19.2			MS	
7440-66-6	ZINC.	50.3			MS	
	CAS No 7429-90-5 7440-36-0 7440-38-2 7440-39-3 7440-43-9 7440-43-9 7440-47-3 7440-48-4 7440-50-8 7439-92-1 7439-96-5 7440-99-77440 7782-49-2 7440-22-4 7440-23-5 7440-28-0 7440-28-0	CAS No Analyte 7429-90-5 ALUMINUM 7440-36-0 ANTIMONY 7440-39-3 BARIUM 7440-41-7 BERYLLIUM 7440-47-3 CADMIUM 7440-47-3 CHROMIUM 7440-47-3 CHROMIUM 7440-50-8 COPPER 7439-92-1 LEAD 7439-96-5 MANGANESE 7439-97-6 MERCURY 7440-40-80 POTASSIUM 7782-49-2 SELENIUM 7782-49-2 SELENIUM 7440-22-4 SILVER 7440-23-5 SODIUM 7440-62-2 VANADIUM	CAS No	CAS No	CAS No	CAS No

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

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MILIPXI	
(BGH-SB(2)-56)	

					(BGH-S)	3(2)-56)
Lab Name: DAT	ACHEM LABO	RATORIES		Contract:		
Lab Code:		Case No.:	36335	NRAS No.:	SDG NO.	минтя
Mutrix (soil/water):	SOIL.	<u>-</u>		Lab Sample ID:		
Level (low/med):	LOW			Date Received:		
% Solids: 81.7		<u></u>				
Concentration Units (up	√L or mp/kg di	ry weight):		MG/KG		

CAS No	Analyte	Concentration	C	Q	М
7429-90-5	ALUMINUM		T = T		MS
7440-36-0	ANTIMONY	0.2	1		MS
7440-38-2	ARSENIC	13.6	TT		MS
7440-39-3	BARIUM	88.5	T		MS
7440-41-7	BERYLLIUM	0.45	7		MS
7440-43-9	CADMIUM	0.13	1		MS
7440-70-2	CALCIUM		T		MS
7440-47-3	CHROMIUM	19.5	1		MS
7440-48-4	COBALT	10.1	T		MS
7440-50-8	COPPER	22.6			MS
7439-92-1	LEAD	12.4			MS
7439-96-5	MANGANESE	561			MS
7439-97-6	MERCURY	0.009	1		CV
7440-02-0	NICKEL	22.7			MS
9/7/7440	POT ASSIUM				MS
7782-49-2	SELENIUM	0.18	1.		MS
7440-22-4	SILVER	0.24	U		MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	0.072	11		MS
7440-62-2	VANADIUM	23.5	T = T		MS
7440-66-6	Z.INC	46.5			MS

Color Delore: Color Aller		Clarity Below Clarity After	 Texture Artifacts	
Comments	·		 	

MILIPX3 (BGH-SF(0.5)-60) Lab Name: DATACHEM LABORATORIES Contract: Lah Code Case No: 36335 NRAS No SDG NO: MHIIPTR Matrix (soil/water) Lab Sample ID Level (low/med) LOW Date Received % Solids: 93.5 Concentration Units (ug/L or mg/kg dry weight). MG/KG

CAS No.	Analyte	Concentration	C	Q	М
7429-90-5	ALUMINUM		au		MS
7440-36-0	ANTIMONY	0.34	7		MS
7440-38-2	ARSENIC	6.6			MS
7440-39-3	BARIUM	96.5			MS
7440-41-7	BERYLLIUM	0.43	1		MS
7440-43-9	CADMIUM	0.25	T J		MS
7440-70-2	CALCIUM			_	MS
7440-47-3	CHROMIUM	15.1			MS
7440-48-4	COBALT	8.9			MS
7440-50-8	COPPER	20.5			MS
7439-92-1	LEAD	31.3			MS
7439-96-5	MANGANESE	487			MS
7439-97-6	MERCURY	0.026			CV
7440-02-0	NICKEL	17.4		_	MS
0/7/7440	POTASSIUM				MS
7782-49-2	SELENIUM	0.18	J		MS
744()-22-4	SILVER	0,1	77	·	MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	0.072	j		MS
1440-62-2	VANADIUM	15.8			MS
440-66-6	ZINC	52.2	1		MS

Tolor Before	 Clarity Before Clarity After:	Texture Artifacts	
onments	 	 	

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

						EFA SAMI	•
					ł	MIII (BGII-SI	
Lab Name:	DATACHEM LABOR	RATORIES	Contract.				
Lab Code.		Case No. 36335	NRAS No.	-		SDG NO	миния
Matrix (soiVwa	ler): SOIL		Lab Sample ID	_	<u> </u>		
Level (low/med	LOW		Date Received				
% Solids	69.1						
Concentration U	nits (ug/L or mg/kg dry	weight):	MG/KG				
	CAS No	Analyte	Concentration	1 c	· ·	I M	
	7429-90-5	ALUMINUM	T	+ - -		MS	
	7440-36-0	ANTIMONY	0.33	十二		MS	
	7440-38-2	ARSENIC	6.1	+-'-		MS	
	7440-38-2	BARIUM	121	+		MS	
	7440-41-7	BERYLLIUM	0.66	+-		MS	
	7440-43-9	CADMIUM	0.3	1		MS	
	7440-70-2	CALCIUM	· · · · · · · · · · · · · · · · · ·	+-		MS	
	7440-47-3	CHROMIUM	20.7	 		MS	•
	7440-48-4	COBALT	10.9	+		MS	
	7440-50-8	COPPER	25.3	1 —		MS	
	7439-92-1	LEAD	15.9	 	_~_	MS	
	7439-96-5	MANGANESE	533	 		MS	
	7439-97-6	MERCURY	0.018	1 7		CV	
	7440-02-0	NICKEL	22.7	 		MS	
	9/7/7440	POTASSIUM	44.7	+		MS	
	7782-49-2	SELENIUM	0.27	 		MS	
	7440-22-4	SILVER	0.085	╁ ॔		MS	
	7440-23-5	SODIUM	0.00.7	 		MS	
	7440-28-0	THALLIUM	0.11	+ -		MS	
	7440-62-2	VANADIUM	21.6	+ -		MS	
	7440-66-6	ZINC	65.3	 		MS	
	7440-00-0	INIC	03.3	l		1,410	
Color Belote:		Clanty Below	 		Texture.		
Color Alter		Clanty Alter			Artifacts.		
Connucuts							

EPA SAMPLL NO.

							MIIII (BGH-880	
Lab Name.	DATACHEM LABO	RATORIES		Contract;				
Lah Code		Case No.	36335	NRAS No			SÓG NO.:	Минх
Matrix (soil/water) SOil.			Lab Sample ID				
Level (low/med):	LOW			Date Received				
% Solids: 8				_	_			
Concentration Uni	is (ug/l. or mg/kg dry	weight):		MG/KG				
	CAS No	Analyti		Concentration	T c T	Q	М	
	7429-90-5	ALUMINU	М		$I^{T}I$		MS	
	7440-36-0	ANTIMON'	Y	0.13	1		MS	
	7440-38-2	ARSENIC		4.3	1		MS	
	7440-39-3	BARIUM		29			MS	
	7440-41-7	BERYLLIU	М	0.19	77		MS	
	7440-43-9	CADMIUM		0.04	17		MS	
	7440-70-2	CALCIUM					MS	
	7440-47-3	CHROMIUN	и 1	27.4	$T \rightarrow$		MS	
	7440-48-4	COBALT		6.7	1		MS	
	7440-50-8	COPPER		21.7	-		MS	
	7439-92-1	LEAD		8.7	\vdash		MS	
	7439-96-5	MANGANE	SE	414			MS	
	7439-97-6	MERCURY		0.0092	7		CV	
	7440-02-0	NICKEL		18.2			MS	
	7440-09-7	POTASSIUN	И				MS	
	7782-49-2	SELENIUM		0.8	U		MS	
	7440-22-4	SILVER		0.26	\vdash		MS	
	7440-23-5	SODIUM			 		MS	
	7440-28-0	THALLIUM		0.07	 , 		MS	
	7440-62-2	VANADIUM		6.2	\vdash		MS	
	7440-66-6	ZINC		26.1	\vdash		MS	

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 1374 37441 12.147
MIIIPX8
(BGH-SF(0.5)-61)

						i	MIII (BGII-SF	
Lab Name: D	ATACHEM LABO	RATORIES		Contract		•		
Lab Code.		Case No	36335	NRAS No.	_		SDG NO.:	MHIPX7
Matrix (soil/water)	SOIL.			Lab Sample ID:				
Level (low/med)	LOW			Date Received.	_			
% Solids 90	.2			_	_			
Concentration Units	(ug/l. or mg/kg dry	weight):		MG/KG				
	CAS No	Analyte		Concentration	C	Ų	M	
	7429-90-5	ALUMINUM			Г	T	MS	
	7440-36-0	ANTIMONY		1.7	υ	1.	MS	
	7440-38-2	ARSENIC		1.9			MS	
	7440-39-3	BARIUM	-T	34.2			MS	
	7440-41-7	BERYLLIUN	1	0.15	1	1	MS	
	7440-43-9	CADMIUM		0.14	Ţ		MS	
	7440-70-2	CALCIUM					MS	
	7440-47-3	CHROMIUM		3.8		1	MS	
	7440-48-4	COBALT		2			MS	
	7440-50-8	COPPER	T	5.9			MS	
	7439-92-1	LEAD		7.8			MS	
	7439-96-5	MANGANES	E	119 .		1	MS	
i	7439-97-6	MERCURY	$\neg \Gamma$	0.022			CV	
	7440-02-0	NICKEL		4,3			MS	
	7440-09-7	POTASSIUM					MS	
	7782-49-2	SELENIUM		0.13]		MS	
	7440-22-4	SILVER		0.08	J		MS	
	7440-23-5	SODIUM					MS	
	7440-28-0	THALLIUM		0.02	j		MS	
	7440-62-2	VANADIUM		4.4			MS	
	7440-66-6	ZINC		20.3			MS	

Color Before: Color Alter:	 Clarity Belore Clarity After	 Texture Artifacts	_ _
Comments	 	 	 _
	 	 	

EPA SAMPLE NO MIIIPX9 (BGH-SB(2)-61) Lab Name DATACHEM LABORATORIES Contract. Lab Code Case No. 36335 NRAS No.: SDG NO: MHIPX7 SOIL Matrix (soil/water) Lab Sample ID: Level (low/med): LOW Date Received % Solids: 92.8 Concentration Units (ug/L or mg/kg dry weight): MC/KC CAS No. Analyte Concentration 7429-90-5 ALUMINUM MS 7440-36-0 ANTIMONY U 1.6 MS 7440-38-2 ARSENIC 4 MS 7440-39-3 BARIUM 54.7 MS 7440-41-7 BERYLLIUM 0.25 MS 7440-43-9 CADMIUM 0.12 ij MS 7440-70-2 CALCIUM MS 7440-47-3 CHROMIUM 6.5 MS 7440-48-4 COBALT 3.8 MS 7440-50-8 COPPER 8.8 MS 7439-92-1 LEAD 9.2 MS 7439-96-5 MANGANESE 218 MS 7439-97-6 MERCURY 0.019 CV 7440-02-0 NICKEL MS 7.1 7440-09-7 POTASSIUM MS

'olor Belore 'olor Alter:	 Clauty Before	 Texture Appliacts	
'onnients	 	 	

0.75

0.22

0.04

7.9

22

U

U

7782-49-2

7440-22-4

7440-23-5

7440-28-0

7440-62-2

7440-66-6

SELENIUM

THALLIUM

VANADIUM

SILVER

SODIUM

ZINC

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INORGANIC ANALYSIS DATA SHEET EPA SAMPLE NO MILLPY0 (BGH-SF(0.5)-62) DATACHEM LABORATORIES Contract: Lab Name: NRAS No SDG NO MIIIPX7 Case No 36335 Lab Code SOIL Lab Sample ID: Matrix (sorVwater): Level (low/med): LOW Date Received % Solids 90.6 Concentration Units (ug/L or mg/kg dry weight): MG/KG CAS No. Concentration 7429-90-5 ALUMINUM MS 7440-36-0 ANTIMONY 0.17 MS 7440-38-2 ARSENIC 5.1 MS 7440-39-3 BARIUM 64.5 MS MS 0.29 7440-41-7 BERYLLIUM 0.25 MS CADMIUM 7440-43-9 MS CALCIUM 7440-70-2 7.5 MS 7440-47-3 CHROMIUM COBALT 4.6 MS 7440-48-4 7440-50-8 COPPER 13.3 MS 7439-92-1 LEAD 23.7 MS 7439-96-5 MANGANESE 263 MS 7439-97-6 MERCURY 0.12 CV 7440-02-0 NICKEL. 9.4 MS MS 7440-09-7 POTASSIUM MS 7782-49-2 SELENIUM 81.0 J MS 7440-22-4 SILVER 0.62 MS 7440-23-5 SODIUM 7440-28-0 THALLIUM 0.04 MS VANADIUM MS 7440-62-2 8.4 7440-66-6 ZINC 39.4 MS Color Below Clarity Before: Texture Clarity After: Color Alter

Torm 15 - 18 is forms

8.540

MS

MS

MS

MS

MS

MS

MII1PYI (RGU-SB(2)-62) DATACHEM LABORATORIES Lab Name Contract: Lab Code. 36335 NRAS No: Case No.: SDG NO.: MHIPX7 SOIL Lab Sample ID: Matrix (soil/water): Level (low/med): LOW Date Received:

Concentration Units (ug/l, or ing/kg dry weight):

90-7

% Solids:

MC/KG

CAS No	Analyte	Concentration	101	Q	М
7429-90-5	ALUMINUM		T		MS
7440-36-0	ANTIMONY	1.7	U		MS
7440-38-2	ARSENIC	5.3	T		MS
7440-39-3	BARIUM	75			MS
7440-41-7	BERYLLIUM	0.33	J		MS
7440-43-9	CADMIUM	0.16	J		MS
7440-70-2	CALCIUM		T		MS
7440-47-3	CHROMIUM	8.2			MS
7440-48-4	COBALT	6.1	Γ		MS
7440-50-8	COPPER	13	II		MS
7439-92-1	LEAD	11.5	I - I		MS
7439-96-5	MANGANESE	435	T T-		MS
7439-97-6	MERCURY	0.016			CV
7440-02-0	NICKEL	11.4			MS
7440-09-7	POTASSIUM				MS
7782-49-2	SELENIUM	0.12			MS
7440-22-4	SILVER	0.22	U		MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	0.04	J		MS
7440-62-2	VANADIUM	9.6	T T		MS
7440-66-6	ZINC	25.8	$\Gamma = \Gamma$		MS

Color Defore.	Clarity Belore Clarity After	Texture. Artifacts:
Comments.		

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					[EPA SAMPI MILLI (BGH-SF)	PY2
ab Name	DATACHEM LABO	DRATORIES	Contract	Contract			_
ab Code		Case No 36335	NRAS No		-	SDG NO.:	минх
- latrix (soiVwater): SOIL		Lab Sample ID:				
evel (low/med):	LOW		Date Received:	_			
•				_			
-	95.3 its (ug/L or mg/kg dr)	weight):	мажа				
	CAS No	Analyte	Concentration	C	Q	М	
	7429-90-5	ALUMINUM				MS	
	7440-36-0	ANTIMONY	0.12	J		MS	
	7440-38-2	ARSENIC	2.9	1 1		MS	
	7440-39-3	BARIUM	48.3			MS	
	7440-41-7	BERYLLIUM	0.23	J		MS	
	7440-43-9	CADMIUM	0.34			MS	
	7440-70-2	CALCIUM				MS	
	7440-47-3	CHROMIUM	4.9			MS	
	7440-48-4	COBALT	2.9			MS	
	7440-50-8	COPPER	8.2			MS	
	7439-92-1	LEAD	14.8			MS	
	7439-96-5	MANGANESE	178			MS	
	7439-97-6	MERCURY	0.02	J		CV	
	7440-02-0	NICKEL	5	$oldsymbol{ol}}}}}}}}}}}}}}}}}}$		MS	
	7440-09-7	POTASSIUM				MS	
	7782-49-2	SELENIUM	0.73	υ		MS	
	7440-22-4	SILVER	0.06	J	<i>·</i>	MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM	0.02	J		MS	
	7440-62-2	VANADIUM	6.6			MS	
	7440-66-6	ZINC	34.8			MS	

			•	•			*Y3 (2)-63)
ame 1	DATACHEM LABO	RATORIES	Contract		-		
ode:		Case No.: 36335	NRAS No.:			SDG NO.:	MITTPX7
(sul/water):	SOIL		Lab Sample ID:				
low/med):	LOW		Date Received				
ds: 94	17			_			
ntration Units	:(ug/l.ormp/kg dry	weight) [*]	MG/KG				
		·					
	CAS No	Analyte	Concentration	С	Q	M	
	7429-90-5	ALUMINUM		<u> </u>		MS	
	7440-36-0	ANTIMONY	1.6	υ		MS	
	7440-38-2	ARSENIC	2.9			MS	
	7440-39-3	BARIUM	59.5			MS	
	7440-41-7	BERYLLIUM	0.3			MS	
	7440-43-9	CADMIUM	0.09			MS	
	7440-70-2	CALCIUM				MS	
	7440-47-3	CHROMIUM	5.6			MS	
	7440-48-4	COBALT	3.6			MS	
	7440-50-8	COPPER	7.9	$-\bot$		MS	
	7439-92-1	LEAD	6.5			MS	
	7439-96-5	MANGANESE	222			MS	
	7439-97-6	MERCURY	0.011	J L		CV	
	7440-02-0	NICKEL	5.9			MS	
	7440-09-7	POTASSIUM				MS	
	7782-49-2	SELENIUM	0.74	υ		MS	
	7440-22-4	SILVER	0.21	υ		MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM	0.04	J		MS	
	7440-62-2	VANADIUM	7.8			MS	
	7440-66-6	ZINC,	20.6			MS	
	7440-62-2 7440-66-6	ZINC.	20.6			MS	
clore		Clarity Before		Te	xtme.		
cure		Clarity After:			titacts:		

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

							MHII (BGH-SF)	
Lab Name:	DATACHEM LABO	RATORIES		Contract:		•		
Lab Code:		Case No.: 363	135	NRAS No.:			SDG NO:	мипрх7
Matrix (soil/wat	ter): SOIL			Lab Sample ID:				
Level (low/med)) LOW			Date Received				
% Solids:	94.9							
	Inits (ng/L or mg/kg dry		LA/	G/KG				
. inicuntration (ուսու (ողջ է որ աներեր անչ	TELEMI.						
	CAS No	Analyte		oncentration	С	Q	М	
	7429-90-5	ALUMINUM	T				MS	
	7440-36-0	ANTIMONY	\neg	0.07	1		MS	
	7440-38-2	ARSENIC		7	 		MS	
	7440-39-3	BARIUM		89.3	\top		MS	
	7440-41-7	BERYLLIUM		0.44	1		MS	
	7440-43-9	CADMIUM		0.22	1 1		MS	
	7440-70-2	CALCIUM			1		MS	
	7440-47-3	CHROMIUM		12.2	Γ		MS	
	7440-48-4	COBALT		7.3	T		MS	
	7440-50-8	COPPER		16.6	1		MS	
	7439-92-1	LEAD		14.8	T		MS	
	7439-96-5	MANGANESE		487	+		MS	
	7439-97-6	MERCURY		0.02	1 1		CV	
	7440-02-0	NICKEL	+	14.4	1		MS	
	7440-09-7	POTASSIUM			1 -		MS	
	7782-49-2	SELENIUM	\top	0.18	1		MS	
	7440-22-4	SILVER		0.21	101		MS	
	7440-23-5	SODIUM			1		MS	
	7440-28-0	THALLIUM		0.07	1 1		MS	
	7440-62-2	VANADIUM		15	 		MS	
	7440-66-6	ZINC		41	\top		MS	
								
ntor Below	·	Clarity Below	r:			Texture		
olor Alter:		Clarity After:	_			Artifacts		
								
pininents'								

EPA SAMPLE NO
MHIPYS

							(BGH-SB(2)-64)			
Lab Name.	DATACHEM LABORATORIES				Contract:	Contract:				
Lab Code:			Case No.	36335	NRAS No.:			SDG NO.		
Matrix (soil/water):		SOIL.			Lab Sample ID:					
Level (low/med):		LOW			Date Received:					
% Solids	26.5				-					
Concentration Uni	is (ug	/t. or mp/kg dr	y weight)-		MG/KG					
	Г	CAS No	Anal	yle	Concentration	с	Q	М		
	7	429-90-5	ALUMIN	JM T				MS		

CAS No	Analyte	Concentration	C	Q	М
7429-90-5	ALUMINUM				MS
7440-36-0	ANTIMONY	1.6	U		MS
7440-38-2	ARSENIC	1.8			MS
7440-39-3	BARIUM	17.3			MS
7440-41-7	BERYLLIUM	0.1	11		MS
7440-43-9	CADMIUM	0.02	J		MS
7440-70-2	CALCIUM				MS
7440-47-3	CHROMIUM	2.8	\top		MS
7440-48-4	COBALT	1.6			MS
7440-50-8	COPPER	3.3			MS
7439-92-1	LEAD	2.8			MS
7439-96-5	MANGANESE	82.2			MS
7439-97-6	MERCURY	0.0076	J		CV
7440-02-0	NICKEL	2.9			MS
7440-09-7	POTASSIUM				MS
7782-49-2	SELENIUM	0.73	U		MS
7440-22-4	SILVER	0.21	U		MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	0.52	U		MS
7440-62-2	VANADIUM	.3			MS
7440-66-6	ZINC	5.9			MS

olor Belore.	 Clarity Before:	 Texture:	
olor Alter	 Clarity After	 Attifacts	
onunchts	 <u> </u>		
+	 		

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

MITPY6

							(BG11-SF(0.5)-66)		
Lab Name.	DATACHEM LABO	RATORIES	Contract		_				
Lab Code:		Case No 36335	NRAS No		_	SDG NO.	MHIPX7		
Matrix (soil/water):	SOIL		Lab Sample ID						
Level (low/med):	VO.		Date Received						
% Solids 9			_				_ _		
Concentration Unit	s (ug/l, or mg/kg dry	weight):	MG/K(;						
	CAS No.	Analyte	Concentration	C.	Ų	M			
	7429-90-5	ALUMINUM		Γ		MS			
	7440-36-0	ANTIMONY	1.6	U		MS			
	7440-38-2	ARSENIC	9.4			MS			
	7440-39-3	BARIUM	75.5			MS			
	7440-41-7	BERYLLIUM	0.41	J		MS			
	7440-43-9	CADMIUM	0.17	7		MS			
	7440-70-2	CALCIUM				MS			
	7440-47-3	CHROMIUM	12.9			MS			
	7440-48-4	COBALT	7.4			MS			
	7440-50-8	COPPER	27.9			MS			
	7439-92-1	LEAD	21.9			MS			
	7439-96-5	MANGANESE	4.30			MS			
	7439-97-6	MERCURY	0.026			CV			
	7440-02-0	NICKEL.	16.3			MS			
	7440-09-7	POTASSIUM				MS			
	7782-49-2	SELENIUM	0.14	1		MS			
	7440-22-4	SILVER	0.07	7		MS			
	7440-23-5	SODIUM				MS			
	7440-28-0	MULLIAHT	0.05	1		MS			
	7440-62-2	VANADIUM	14.7			MS			
	7440-66-6	ZINC	44.6			MS			
'olor Before		Clanty Before.		_	Textme.				
		Charles Alter-		_	Artifacts:				
'olor Afrer		Clarity After	 -		Anniacts.				

II NIO

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MS

MS

MS

MS

MS

MS

CV

MS

MS

MS

MS

MS

MS

MS

						_	BEA SAMP	N: 140.1	
							MH1PY7 (BGH-SB(2)-66)		
Lab Name	DATACHEM LA	BORATORIES		Contract					
Lab Code:		Case No.	36335	NRAS No.:			SDG NO.:	MILIPX7	
Matrix (soil/wate	r): SOIL	_		Lab Sample fD	<u> </u>			<u> </u>	
Level (low/med):	LOW			Date Received.		_			
% Solids.	87.6			_	_				
Concentration Un	its (ug/L or mg/kg	dry weight):		MG/KG					
					,				
	CAS No	Analyte		Concentration	C	Q	M		
	7429-90-5	ALUMINU	И				MS		
	7440-36-0	NOMITINA	7	1.7	U		MS		
	7440-38-2	ARSENIC		9.9			MS		
	7440-39-3	BARIUM		76			MS		
	7440-41-7	BERYLLIU	м	0.52	J		MS		
	7440-43.0	CADMILIM		0.12			MS		

8.6

16.8

11.9

477

0.02

18.1

0.2

0.23

0.07

17.6

-11

7440-70-2

7440-47-3

7440-48-4

7440-50-8

7439-92-1

7439-96-5

7439-97-6

7440-02-0

7440-09-7

7782-49-2

7440-22-4

7440-23-5

7440-28-0

7440-62-2

CALCIUM

COBALT

COPPER

LEAD

CHROMIUM

MANGANESE

MERCURY

POTASSIUM

SELENIUM

THALLIUM

VANADIUM

NICKEL

SILVER

SODIUM

7440-66-6 33.4 MS ZINC Color Before Texture. Color After Clarity Alter Artifacts Comments

USEPA - CLP IA - IN (e-form) INORGANIC ANALYSIS DATA SHEET

LPA SAMPLE NO MIIIPY8

							(BGH-SF(0.5)-52)		(0.5)-52)
Lab Name:	DATAC	DATACHEM LABORATORIES			Contract:	Contract:			
Lab Code:			Case No.:	36335	NRAS No.:			SDG NO:	MILLEYS
Matrix (soil/wate	1)	soit.			Lab Sample ID:				
Level (low/mcd):		LOW			Date Received				
% Solids:	94.5				-				
Concentration Ur	nits (ug/L	or mg/kg dry	weight).		MO/KG				
	_								
	L_	CAS No.	Analy	/te	Concentration	C.	Q	М	
	74	0.00.5	AL LIMINI	IM I				2MC	

CAS No.	Analyte	Concentration	C	Q	М
7429-90-5	ALUMINUM		TT		MS
7440-36-0	ANTIMONY	0.16	T i		MS
7440-38-2	ARSENIC	4.5	T = T		MS
7440-39-3	BARIUM	46.8			MS
7440-41-7	BERYLLIUM	0.29]		MS
7440-43-9	CADMIUM	0.11	J		MS
7440-70-2	CALCIUM		T		MS
7440-47-3	CHROMIUM	9.9			MS
7440-48-4	COBALT	5.8			MS
7440-50-8	COPPER	14.8			MS
7439-92-1	LEAD	9 .			MS
7439-96-5	MANGANESE	325			MS
7439-97-6	MERCURY	0.013	7		CV
7440-02-0	NICKEL	11.9			MS
7440-09-7	POTASSIUM				MS
7782-49-2	SELENIUM	0.18	1		MS
7440-22-4	SILVER	1.5			MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	0.13	1		MS
7440-62-2	VANADIUM	11.1			MS
7440-66-6	ZINC	28			MS

Color Before.	 Clarity Before.		Texture Attifacts:	
Comments	 			
	 			

						ſ	EPA SAMPLE NO MH1PY9 (BGH-SB(2)-52			
Lab Name:	DATACHEM LARG	RATORIES		Contract		L				
Lab Code:		Case No :	36335	NRAS No			SDG NO.	Митруя		
Matrix (soil/wate	r): SOIL			Lab Sample ID:						
Level (low/med):	LOW			- Date Received:		_				
% Solids:	91.4			=						
Concentration Ur	nits (ug/L or mg/kg dry	weight)		MG/KG						
	CAS No.	Analyte		Concentration	, c	Q	M			
	7429-90-5	ALUMINU			1—1		MS			
	7440-36-0	ANTIMON		0.15]		MS			
	7440-38-2	ARSENIC		7.3	 		MS			
	7440-39-3	BARIUM		78.9			MS			
	744()-41-7	BERYLLIU	м	0.45	1		MS			
	7440-43-9	CADMIUM		0.15	,		MS			
	7440-70-2	CALCIUM			11		MS			
	7440-47-3	CHROMIUN	1	15.5			MS			
	7440-48-4	COBALT		9.6	$\perp \perp \perp$		MS			
	7440-50-8	COPPER		21	L		MS			
	7439-92-1	LEAD		11.1	$\perp \perp \perp$		MS			
	7439-96-5	MANGANE	SE	498	\perp		MS			
	7439-97-6	MERCURY		0.0076	1		CV			
	7440-02-0	NICKEL		19.9	$\perp \perp \perp$		MS			
	7440-09-7	POTASSIUM	1		LL		MS			
	7782-49-2	SELENIUM		0.22	J		MS			
	7440-22-4	SILVER		0.54	Ll.		MS			
	7440-23-5	SODIUM			L_L		MS			
	7440-28-0	THALLIUM		0.12	1		MS			
		VANADIUM	1	17.1			MS			
	744()-62-2 744()-66-6	SINC		42.3			MS			

Color Before.	 Clarity Before Clarity After	 Texture Artifacts	
omments	 		

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1A - IN (e-form)
INODGANIC ANALYSIS DATA SHEET

					Г	EPA SAMPI	177,0
					L	(BGH-SS)	20)-52)
Lah Name:	DATACHEM LABO	RATORIES	Contract	Contract			
Lab Code:		Case No.: 36335	NRAS No.			SDG NO.	мнігч
- Matrix (soil/water	trix (soil/water): SOIL		Lah Sample ID				
evel (low/med):	LOW		Date Received:			_	
% Solids:	JI 8						
-	ils (ug/L or mg/kg dry	weight)	MG/KG				
	CAS No.	Analyte	Concentration	c T	Ų	М	
	7429-90-5	ALUMINUM		i		MS	
	7440-36-0	ANTIMONY	0.13	7		MS	
	7440-38-2	ARSENIC	- 6			MS	
	7440-39-3	BARIUM	49.8			MS	
	7440-41-7	BERYLLIUM	0.29	J		MS	
	7440-43-9	CADMIUM	0.06	-,		MS	
	7440-70-2	CALCIUM				MS	
	7440-47-3	CHROMIUM	19.2			MS	
	7440-48-4	COBALT	9.6			MS	
	7440-50-8	COPPER	19.7			MS	
	7439-92-1	LEAD	9.9			MS	
	7439-96-5	MANGANESE	539			MS	
	7439-97-6	MERCURY	0.011	J		CV	
	7440-02-0	NICKEL	22.8			MS	
	7440-09-7	POTASSIUM				MS	
	7782-49-2	SELENIUM	0.76	U		MS	
	7440-22-4	SILVER	0.6			MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM	0.04	7		MS	
		VANADIUM	12.5			MS	
	7440-62-2						

Color Below.	 Clarity Below		Texture	
Color After	 Clarity After	-	Artifacts:	
Comments				

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							EPA SAMIYE NO.		
						MIIII (BGH-SF(
Lab Name:	DATACHEM LABO	BATORIES	Contract						
Lab Code:		Case No.: 363	35 NRAS No :			SDG NO:	мнігчя		
Matrix (soil/wat	ter): SOIL		Lab Sample ID:						
Level (low/med)	LOW		Date Received:						
% Solids:	95.7			-					
Concentration 1	huls (ug/L, or mg/kg dr)		MG/KG						
t ancentantin to	այչ (միչլ՝ ու ախչել ու)	weight);	MUKU						
	CAS No	Analyte	Concentration	r l		М			
	7429-90-5	ALUMINUM	i i		<u> </u>	MS			
	7440-36-0	ANTIMONY	0.19	7		MS			
	7440-38-2	ARSENIC	4.1			MS			
	7440-39-3	BARIUM	47.1			MS			
	7440-41-7	BERYLLIUM	0.22	7		MS			
	7440-43-9	CADMIUM	0.15	7		MS			
	7440-70-2	CALCIUM	7	$\neg \tau$		MS			
	7440-47-3	CHROMIUM	5.1			MS			
	7440-48-4	COBALT	2.8			MS			
	7440-50-8	COPPER	18			MS			
	7439-92-1	LEAD	18.6			MS			
	7439-96-5	MANGANESE	185			MS			
	7439-97-6	MERCURY	0.11			CV			
	7440-02-0	NICKEL	5.9	\Box		MS			
	7440-09-7	POTASSIUM				MS			
	7782-49-2	SELENIUM	0.13	J		MS			
	7440-22-4	SILVER	0.31			MS			
	7440-23-5	SODIUM				MS			
	7440-28-0	THALLIUM	0.03	J		MS			
	7440-62-2	VANADIUM	6.5			MS			
	7440-66-6	ZINC	30.9			MS			

Color Before. Yolor After		Clarity Before. Clarity After	 Texture:	
Contractions				
	·		 	

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

FPA SAMPLI, NO.

					L	(BGH-SB	
Lab Name	DATACHEM LABO	RATORIES	Contract.		_		
Lab Code		Case No . 3633	5 NRAS No.:			SDG NO.:	МППРҮК
Matrix (soul/wate	er): SOIL		Lah Sample 1D				
Level (low/med)	LOW		Date Received.	•			
% Solids:	95 4						
Concentration U	nits (11g/L or mg/kg dry	weight)	мс/кс				
	CAS No.	Analyte	Concentration	СТ	· ·	М	
	7429-90-5	ALUMINUM	 	Ī		MS	
	7440-36-0	ANTIMONY	0.09	 		MS	
	7440-38-2	ARSENIC	9.6	 		MS	
	7440-39-3	BARIUM	41.4			MS	
	7440-41-7	BERYLLIUM	0.24	J		MS	
	7440-43-9	CADMIUM	0.08	7		MS	
	7440-70-2	CALCIUM				MS	
	7440-47-3	CHROMIUM	7.4			MS	
	7440-48-4	COBALT	4.2			MS	
	7440-50-8	COPPER	9.6			MS	
	7439-92-1	LEAD	7.8	· .		MS	
	7439-96-5	MANGANESE	197			MS	
	7439-97-6	MERCURY	0.014	7		CV	
	7440-02-0	NICKEL	8.4			MS	
	7440-09-7	POTASSIUM				MS	
	7782-49-2	SELENIUM	0.16	J		MS	
	7440-22-4	SILVER	0.13	J		MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM	0.04	J		MS	
	7440-62-2	VANADIUM	8.4			MS	
	7440-66-6	ZINC	21.7			MS	
Cator Belore		Clarity Before		~	rature		
Color After		Clarity After		^	otifacts:		

					[MHIP (BGH-SSC	
Lab Name	DATACHEM LABOR	RATORIES	Contract:		_	<u> </u>	
Lab Code:		Case No : 36335	NRAS No	_	-	SDG NO.:	мингу
– Matrix (soil/water) SOIL		Lab Sample ID	_			
Level (low/med).	LOW		Date Received				
% Solids 9	90.7			_			
Concentration Uni	ils {ug/l , or mg/kg dry	weight)	MG/KG				
	CAS No.	Analyte	Concentration	· ·	Q	М	
	7429-90-5	ALUMINUM				MS	
	7440-36-0	ANTIMONY	0.26	J		MS	
	7440-38-2	ARSENIC	11.4	<u> </u>		MS	
	7440-39-3	BARTUM	27.3			MS	
	7440-41-7	BERYLLIUM	0.18	1		MS	
	7440-43-9	CADMIUM	0.07	J		MS	
	7440-70-2	CALCIUM				MS	
	7440-47-3	CHROMIUM	9.2			MS	
	7440-48-4	COBALT	9.7			MS	
	7440-50-8	COPPER	20 .			MS	
	7439-92-1	LEAD	11.5			MS	
	7439-96-5	MANGANESE	534			MS	
	7439-97-6	MERCURY	0.0084	J		.CV	
	7440-02-0	NICKEL	29.2			MS	
	7440-09-7	POTASSIUM				MS	
	7782-49-2	SELENIUM	0.13	j		MS	
	7440-22-4	SILVER	0.11	J		MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM	0.04	Į į		MS	
	7440-62-2	VANADIUM	8.7			MS	
	7440-66-6	ZINC	35.6	[MS	

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USEPA - CLP IA - IN (e-form) INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO
MITTP7A
(BGH-SF(0.5)-54)

MS

MS

MS

MS

MS

Lab Name: 13	DATACHEM LABORATORIES			Contract.		1	MII (BGH-SI	1P7.4 (0.5)-54)
Lab Code:		Case No:	36335	NRAS No:	-		SDG NO.:	милечк
Matrix (soil/water):	SOIL	_		Lah Sample II)	_			
Level (low/med):	LOW			Date Received:	_			
% Solids. 91	.3			_	_			
Concentration Units	(ug/l. or mg/kg dry	weight).		MG/KG				
•	CAS No	Analyte	\neg	Concentration	J c	T 0	М	
	7429-90-5	ALUMINUM	T		Ť		MS	
	7440-36-0	ANTIMONY	\neg	0.16	J		MS	
	7440-38-2	ARSENIC	$\neg \tau$	2.2		1	MS	
	7440-39-3	BARIUM		24.9			MS	
	7440-41-7	BERYLLIUM		0.17	J		MS	
	7440-43-9	CADMIUM		0.12	J		MS	•
	7440-70-2	CALCIUM		·			MS	
	7440-47-3	CHROMIUM		3.6			MS	
	7440-48-4	COBALT		2.3			MS	
	7440-50-8	COPPER		5.8			MS	
	7439-92-1	LEAD		13.8			MS	
	7439-96-5	MANGANESE		145			MS	
	7439-97-6	MERCURY		0.016	J		CV	
	7440-02-0	NICKEL		4.6			MS	
	7440-09-7	POTASSIUM	[-				MS	
ľ	7782-49-2	SELENIUM		0.12	J		MS	

Color Belore Color Alter	Clarity Belore Clarity After:	Text	
Comments			

0.13

0.03

4.2

21.2

7440-22-4

7440-23-5

7440-28-0

7440-62-2

7440-66-6

SILVER

SINC

SODIUM

THALLIUM

VANADIUM

EPA SAMPLE NO (BG11-SB(2)-54) Lab Name DATACHEM LABORATORIES Contract: Case No: 36335 NRAS No.: SDG NO.: МП1РУ8 Lab Code. Matrix (soil/water) SOIL Lab Sample ID: Level (low/med) Date Received % Solids 74,6 Concentration Units (ug/L or mg/kg dry weight): MG/KG CAS No Analyte Concentration М MS MS 7429-90-5 ALUMINUM 7440-36-0 ANTIMONY 0.17 7440-38-2 ARSENIC 2.6 MS

H1-7 BERYLLIUM H3-9 CADMIUM H3-9 CADMIUM H3-9 CALCIUM H4-1 COBALT H5-8 COPPER H5-1 LEAD H5-1 LEAD H5-2 LEAD H5-2 LEAD H5-3 MARGANESI H5-4 MARGANESI	0.12 3.6 2.3 4 11.3 E 99.2 0.03 4.3			MS MS MS MS MS MS MS MS MS MS MS MS MS
70-2 CALCIUM 77-3 CHROMIUM 88-4 COBALT 80-8 COPPER 122-1 LEAD 16-5 MANGANESI 77-6 MERCURY 19-7 POTASSIUM 19-2 SIELENIUM 19-2 SIELENIUM 19-3 SODIUM 18-0 THALLIUM 12-2 VANADIUM	3.6 2.3 4 11.3 E 99.2 0.03 4.3 0.14 0.08	J		MS MS MS MS MS CV MS MS
17-3 CHROMIUM 18-4 COBALT 18-8 COPPER 12-1 LEAD 16-5 MANGANESI 17-6 MERCURY 12-0 NICKEL 19-7 POTASSIUM 19-2 SELENIUM 12-4 SILVER 13-5 SODIUM 18-0 THALLIUM 12-2 VANADIUM	2.3 4 11.3 E 99.2 0.03 4.3 0.14 0.08			MS MS MS MS CV MS MS
18-4 COBALT 150-8 COPPER 12-1 LEAD 16-5 MANGANESI 17-6 MERCURY 12-0 NICKEL 19-7 POTASSIUM 19-2 SELENIUM 12-4 SILVER 13-5 SODIUM 18-0 THALLIUM 12-2 VANADIUM	2.3 4 11.3 E 99.2 0.03 4.3 0.14 0.08			MS MS MS CV MS MS
100 100	4 11.3 E 99.2 0.03 4.3 0.14 0.08			MS MS CV MS MS
	11.3 E 99.2 0.03 4.3 0.14 0.08			MS MS CV MS MS
MANGANESI	E 99.2 0.03 4.3 0.14 0.08			MS CV MS MS
07-6 MERCURY 12-0 NICKEL 19-7 POTASSIUM 19-2 SELENIUM 12-4 SILVER 13-5 SODIUM 18-0 THALLIUM 12-2 VANADIUM	0.03 4.3 0.14 0.08			MS MS
12-0 NICKEL	0.14 0.08			MS MS
9-7 POTASSIUM 9-2 SIELENIUM 2-4 SILVER 3-5 SODIUM 8-0 THALLIUM 2-2 VANADIUM	0.14			MS
9-2 SELENIUM 2-4 SILVER 3-5 SODIUM 8-0 THALLIUM 2-2 VANADIUM	0.14			
2-4 SILVER 3-5 SODIUM 8-0 THALLIUM 2-2 VANADIUM	0.08			MS
3-5 SODIUM 18-0 THALLIUM 12-2 VANADIUM		1	1	
8-0 THALLIUM 2-2 VANADIUM	0.67		I	MS_
2-2 VANADIUM	0.67	1		MS
		U	,	MS
6.6 ZINC '	5.8			MS
	21.3	7	[MS
Clarity Bcl	fore		Texture.	
Clanty Aft	ler		Artifacts	
_	Clarity Be	Clarity Belore Clarity After	Clarity Before	Clarity Belore Texture.

USEPA - CLP

						MH1 (BGH-SS	PZ6
Lab Name:	DATACHEM LARO	RATORIES	Contract:		_		
Lab Code:		Case No : 36335	NRAS No.:			SDG NO	MIIIIY
– Matrix (soil/water): SOIL	<u> </u>	Lab Sample ID:				_
_evel (low/nxed):	LOW		Date Received:	_			
6 Solids - 8				-			
oncentration Uni	ts (ug/L or mg/kg dry	weight):	MG/KG				
	CAS No.	Analyte	Concentration	Ċ	Q	М	
	7429-90-5	ALUMINUM				MS	
	7440-36-0	ANTIMONY	0.14	j		MS	
	7440-38-2	ARSENIC	7.6			MS	
	7440-39-3	BARIUM	22.6			MS	
	7440-41-7	BERYLLIUM	0.22	j		MS	
	7440-43-9	CADMIUM	0.06	1	<u></u>	MS	
	7440-70-2	CALCIUM				MS	
	7440-47-3	CHROMIUM	13.7			MS	
	7440-48-4	COBALT	7.6			MS	
	7440-50-8	COPPER	13.6			MS	
	7439-92-1	LEAD	7.6			MS	
	7439-96-5	MANGANESE	224			MS	
	7439-97-6	MERCURY	0.0084	1		CV	
	7440-02-0	NICKEL	16.3			MS	
	7440-09-7	POTASSIUM				MS	
	7782-49-2	SELENIUM	0.11	j		MS	
	7440-22-4	SILVER	0.15			MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM	0.04	J .		MS	
	7440-62-2	VANADIUM	14.3			MS	
	7440-66-6	ZINC	28.5			MS	

Lah Nanu:	DATACHEM LABO	RATORIES		EPA SAMPLE NO MITIPZR (BGII-SF(0.5)-68)				
ah Code:		Case No.:	36335	Contract. NRAS No.	. -		SDG NO.:	MITTPY8
Materx (soil/water)	SOIL			Lab Sample ID:	_		•	
				- `	_			
evel (low/med)	LOW			Date Received	_			
Solids. 8	3.8							
oncentration Uni	ts (ալժե օս ութ/kբ dry	weight):		MG/KG				
	CAS No.	Analyte		Concentration	C	. 0	М	
	7429-90-5	ALUMINU	м		T^{-}		MS	
	7440-36-0	ANTIMON	Y	0.16	Ţ		MS	
	7440-38-2	ARSENIC		10.4	T		MS	
	7440-39-3	BARIUM	$ \top$	88.8	Т]	MS	
	7440-41-7	BERYLLIU	м	0.84	T		MS	
	7440-43-9	CADMIUM		0.28	Ţ		MS	
	7440-70-2	CALCIUM			}		MS	
	7440-47-3	CHROMIUN	4	19.3	1		MS	
	7440-48-4	COBALT		10.8	T =		MS	
	7440-50-8	COPPER		- 23	T	_	MS	
	7439-92-1	LEAD		21.1	 		MS	
	7439-96-5	MANGANE	SE	586	T -		MS	
	7439-97-6	MERCURY		0.02	J	1	CV	
	7440-02-0	NICKEL		23.4		1	MS	
	744()-()9-7	POTASSIUN	1		1		MS	
	7782-49-2	SELENIUM		0.2	7		MS	
	7440-22-4	SILVER		0.12	1		MS	
	7440-23-5	SODIUM					MS	
	7440-28-0	THALLIUM		0.15	T	1	MS	
	7440-62-2	VANADIUM	1	24.1	1		MS	
	7440-66-6	ZINC		55.3	1		MS	
dos Belose		— Clarity II				Texture Artifacts:		

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO MILITYS (RGTLSR(2):48)

					<u>i</u>	(BG11-SI	
Lab Name:	DATACHEM LABO	RATORIES	Contract:				
Lab Code:		Case No: 36335	NRAS No:	_		SDG NO.	MIIIIYX
Matrix (soil/wa	ter): SOIL,		Lab Sample ID				
Level (low/med): LOW		Date Received.	_			
% Solids:	86.8		_				
Concentration U	nits (ug/L or mg/kg dry	weight):	MOVKG				
	CAS No	Analyte	Concentration	C	V	М	
	7429-90-5	ALUMINUM			1	MS	
	7440-36-0	ANTIMONY	0.15	J		MS	
	7440-38-2	ARSENIC	11.7			MS	
	7440-39-3	BARIUM	89	_		MS	
	7440-41-7	BERYLLIUM	0.76			MS	
	7440-43-9	CADMIUM	0.21	J		MS	
	7440-70-2	CALCIUM			1	MS	
	7440-47-3	CHROMIUM	18.9			MS	
	7440-48-4	COBALT	10.4			MS	
	7440-50-8	COPPER	21.4			MS	
	7439-92-1	LEAD	17.9			MS	
	7439-96-5	MANGANESE	592			MS	
	7439-97-6	MERCURY	0.016	J		CV	
	7440-02-0	NICKEL	22.8			MS	
	7440-09-7	POTASSIUM				MS	
	7782-49-2	SELENIUM	0.16	J		MS	
	7440-22-4	SILVER	0.23	U		MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM	0.14	J		MS	
	7440-62-2	VANADIUM	23.9			MS	
	7440-66-6	ZINC	51.3			MS	
olor Before	_	Clarity Before		_	Texture.		
olor Alter		Clarity After:			Attifacts		
		_					
omments:							

						_	EPA SAMPI,E NO			
							MIIIQ (BGII-SF(
Lab Name.	DATACHEM LABO	RATORIES		Contract		_				
Lab Code		Case No: 30	335	NRAS No:			SDG NO.;	МППРУ		
Matrix (sorVwate	er) SOIL	_		Lab Sample ID:						
Level (low/med)	LOW			Date Received:						
% Solids:	92.8		-							
Concentration D	nits (ug/L or mg/kg dry	weight)	М	G/KG						
	7		 -	oncentration	T c 1	- 0	M			
	CAS No	Analyte	 -	oncentration	+	<u>v</u> _				
	7429-90-5	ALUMINUM		- 0.07	╁┯╂		MS			
	7440-36-0	ANTIMONY		0.27	J- J		MS			
	7440-38-2	ARSENIC		6.5	+		MS			
	7440-39-3	BARIUM		79.4	+		MS			
	7440-41-7	BERYLLIUM		0.39	1 !		MS MS			
	7440-43-9	CADMIUM		0.45			MS			
	7440-70-2	CALCIUM			, 		MS			
	7440-47-3	CHROMIUM		10.6	+1		MS			
	7440-48-4	COBALT		6.1	+		MS			
	7440-50-8	COPPER		22.2	+		MS			
	7439-92-1	LEAD		31.8			MS			
	7439-96-5	MANGANESE		396_	+		MS			
	7439-97-6	MERCURY		0.14			CV			
	7440-02-0	NICKEL		12.9			MS			
	7440-09-7	POTASSIUM		0.10			MS			
	7782-49-2	SELENIUM		0.18	1-1-		MS			
	7440-22-4	SILVER		0.16	1-1		MS			
	7440-23-5	SODIUM		0.00	+-,		MS			
		THALLIUM		0.09	J		MS MS			
	7440-28-0	SEANIA INCIDE								
	7440-28-0 7440-62-2 7440-66-6	ZINC		62	├ -⊦		MS			

USEPA - CLP							
1A - IN (e-form)							
INORGANIC ANALYSIS DATA SHEET							

					L	(BGH-SI	(2)-70)
Lab Name:	DATACHEM LABO	RATORIES	Contract:				
ab Code		Case No 36335	NRAS No.:			SDG NO.:	MI
latrix (soiVwa	ter) SOIL.		Lab Sample II)				
evel (low/med): LOW-		Date Received:				
Solids:	90 7		_				
oncentration (inits (ug/L, or mg/kg dry	weight).	MG/KG				
	CAS No.	Analyte	Concentration	тет	ΰ	Тм	
	7429-90-5	ALUMINUM	~	+ +		MS	
	7440-36-0	ANTIMONY	0.22	+		MS	
	7440-38-2	ARSENIC	7.4	+ + +		MS	
	7440-39-3	BARIUM	112	+		MS	
	7440-41-7	BERYLLIUM	0.53	+		MS	
	7440-43-9	CADMIUM	0.36	+ , +		MS	
	7440-70-2	CALCIUM		+ +		MS	
	7440-47-3	CHROMIUM	12.9	1 1		MS	
	7440-48-4	COBALT	7	 		MS	
	7440-50-8	COPPER	18.3	+		MS	
	7439-92-1	LEAD	18.9	 		MS	
	7439-96-5	MANGANESE	496	 		MS	
	7439-97-6	MERCURY	0.015	1,1		CV	
	7440-02-0	NICKEL	14.4			MS	
	7440-09-7	POTASSIUM		 		MS	
	7782-49-2	SELENIUM	0.32			MS	
	7440-22-4	SILVER	0.08	J		MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM	0.13	j		MS	
	7440-62-2	VANADIUM	14.8			MS	
	7440-66-6	ZINC	52.7			MS	
				_			
or Before		Clarity Belore		Te	dure.		
or Alter		Clarity After		^u	ilacts:		
oments -							

					_	EPA SAMP	J: NO
						MIII (BGH-SF)	
Lab Name:	DATACHEM LABO	RATORIES	Contract:		-		•
Lab Code		Case No 36335	NRAS No			SDG NO.:	митрук
Matrix (soil/water	r): SOIL.		Lab Sample ID:				
Level (low/med):	LOW		Date Received.				
A Solids - 1	89.2		_				
Concentration Un	uts (ug/L or mg/kg dry	weight)	MG/KG				
	CAS No	Analyte	Concentration	()	0	T M	
	7429-90-5	ALUMINUM		1		MS	
	7440-36-0	ANTIMONY	0.19	 		MS	
	7440-38-2	ARSENIC	6.5	1		MS	
	7440-39-3	BARIUM	106	 		MS	
	7440-41-7	BERYLLIUM	0.52	J		MS	
	7440-43-9	CADMIUM	0.31	j		MS	
	7440-70-2	CALCIUM				MS	,
	7440-47-3	CHROMIUM	.11.2	-		MS	
	7440-48-4	COBALT	6.2			MS	
	7440-50-8	COPPER	16			MS	
	7439-92-1	LEAD	19.3			MS	
	7439-96-5	MANGANESE	491			MS	
	7439-97-6	MERCURY	0.02	J		CV	
	7440-02-0	NICKEL.	11.8			MS	
	7440-09-7	POTASSIUM				MS	
	7782-49-2	SELENIUM	0.2	J		MS	
	7440-22-4	SILVER	0.14			MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM	0.12	J		MS	
	7440-62-2	VANADIUM	14.4			MS	
	7440-66-6	ZINC	42.8			MS	

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MIIIQ03 (BGII-SB(2)-51)

							1	(BGH-SB(2)-51)		
Lab Name:	DATACHEM	DATACHEM LABORATORIES				Contract:				
Lab Code:		('a	se No.:	36335	NRAS No:			SDG NO:	MIIIPY8	
Matrix (soil/water	r) SOIL				Lab Sample 1D:					
Level (low/med).	LOW				Date Received:					
% Solids:	91				•					
Concentration Un	its (ug/L or mg	ykę dry wcięlu	1):		MG/KG					
	CAS	: No.	Analyte	- , -	Concentration	101		- M		
	7429-90		LUMINUN		Concentation	†		MS		

CAS No	Analyte	Concentration	C	Q	М
7429-90-5	ALUMINUM		T		MS
7440-36-0	ANTIMONY	0.19	1 1		MS
7440-38-2	ARSENIC	5.1			MS
7440-39-3	BARIUM	101	$T \sqcup I$		MS
7440-41-7	BERYLLIUM	0.46	1		MS
7440-43-9	CADMIUM	0.25	J		MS
7440-70-2	CALCIUM				MS
7440-47-3	CHROMIUM	9.1			MS
7440-48-4	COBALT	5.6			MS
7440-50-8	COPPER	13.1	T = I		MS
7439-92-1	LEAD	13.4			MS
7439-96-5	MANGANESE	433	$T \Box$		MS
7439-97-6	MERCURY	0.017	l i		C۷
7440-02-0	NICKEL	10.2	T		MS
7440-09-7	POTASSIUM		T		MS
7782-49-2	SELENIUM	0.21	T , [MS
7440-22-4	SILVER	0.08	ŢŢ		MS
7440-23-5	SODIUM		$\overline{}$		MS
7440-28-0	THALLIUM	0.11	1		MS
7440-62-2	VANADIUM	13			MS
7440-66-6	ZINC	34.8			MS

Color Metore:	 Clarty Before	 Texture. Artifacts	
Connicus			

						[(BGH-SS(20)-51)				
Lab Name: D	ATACHEM LABOR	RATORIES		Contract							
Lab Code.		Case No	36135	NRAS No.			SDG NO.:	минух			
Matrix (sunVwater):	Catrix (sint/water): SOIL			Lab Sample ID							
Level (low/med):	LOW			Date Received							
% Solids 94											
Concentration Units	(ug/L or mp/kg dry	weight)-		MG/KG							
	CAS No.	Analy	de	Concentration	C	Ų	М				
	7429-90-5	ALUMINI	M				MS				
	7440-36-0	MITIMA	NΥ	0.12	j		MS				
	7440-38-2	ARSENIC		5.9			MS				
	7440-39-3	BARIUM		15.5			MS				
	744()-41-7	BERYLLI	JM	0.17	J		MS				
	7440-43-9	CADMIUN	1	0.03	3		MS				
	7440-70-2	CALCIUM					MS				
	7440-47-3	CHROMIL	IM	12.8			MS				
	7440-48-4	COBALT		8			MS				
	7440-50-8	COPPER		13.7			MS				
	7439-92-1	LEAD		8.3			MS				
	7439-96-5	MANGAN	ESE	144			MS				
	7439-97-6	MERCUR'	Y	0.021	U		ĊV				
	7440-02-0	NICKEL		16.5			MS				
	744()-()9-7	POTASSIL	M		$I \cup I$		MS				
	7782-49-2	SELENIUN	1	0.13			MS				
	7440-22-4	SILVER		0.21	U		MS				
	7440-23-5	SODIUM					MS				
	7440-28-0	THALLIU	vî .	0.53	U		MS				
	7440-62-2	VANADIU	М	11.3			MS				
		ZINC		30.6	1 1		MS				

USEPA - CLP

						M	AMPLE NO 1111Q05 -SS(20)-57)	
DATACHEM LABO	RATORIES		Contract:		ı	<u> </u>		
	Case No:	36335	NRAS No	-		SDG NO.	MILLEY	
er) SOIL			Lab Sample ID:					
LOW			Date Received:	_				
95.3				-				
nits (ug/L or mg/kg dry	weight):		MG/KG					
CAS No	Analy	le l	Concentration	(,	Q	М	7	
7429-90-5	ALUMINU	м			1	MS	1	
7440-36-0	ANTIMON	ΪŶ	0.12	7	T	MS	7	
7440-38-2	ARSENIC		6.2			MS	1	
7440-39-3	BARIUM		19.1		1	MS	7	
7440-41-7		JM	0.17	j		MS		
7440-43-9	CADMIUM		0.03	J	†	MS	٦	
					i	MS	1	
		м	11.6		 	MS		
7440-48-4	COBALT		7.9		 	MS	1	
					†	MS		
7439-92-1	LEAD	~	8			MS	_	
7439-96-5	MANGANI	ESE	205		 	MS	1	
7439-97-6				J	· ·	CV	1	
7440-02-0	NICKEL		16		1	MS	1	
7440-09-7	POTASSIU	М			 	MS	1	
7782-49-2	SELENIUM		0.73	U	ļ	MS	1	
7440-22-4	SILVER		0.21	U		MS	1	
7440-23-5	SODIUM					MS	1	
7440-28-0	THALLIUM	1	0.52	U		MS	1	
7440-62-2	VANADIU	vi l	II I			MS	1	
7440-66-6	ZINC		27,4			MS	1	
	CAS No 7429-90-5 7440-38-2 7440-38-2 7440-41-7 7440-43-3 7440-47-3 7440-47-3 7440-48-4 7440-50-8 7439-92-1 7439-96-5 7439-97-6 7440-02-0 7440-02-0 7440-02-0 7440-02-2 7440-23-5 7440-28-0	CAS No Analy 7429-90-5 ALUMINU 7440-36-0 ANTIMON 7440-38-2 ARSENIC 7440-39-3 BARIUM 7440-41-7 BERYLLIL 7440-43-9 CADMIUM 7440-40-2 CALCIUM 7440-50-8 COPPER 7439-92-1 LEAD 7439-96-5 MANGANE 7440-02-0 NICKEL 7440-02-4 SILVER 7440-23-5 SODIUM 7440-23-5 SODIUM 7440-28-0 THALLIUM	Case No: 36335 ECOP. LOW 95.3 TAS No. Analyte 7429-90-5 ALUMINUM 7440-36-0 ANTIMONY 7440-38-2 ARSIENIC 7440-39-3 BARIUM 7440-41-7 BERYLLIUM 7440-41-7 BERYLLIUM 7440-47-3 CIROMIUM 7440-47-3 CIROMIUM 7440-48-4 COBALT 7440-50-8 COPPER 7439-96-5 MANGANESE 7439-96-5 MANGANESE 7439-97-6 MERCURY 7440-00-7 POTASSIUM 7782-49-2 SELENIUM 77440-22-4 SILVER 7440-23-5 SODIUM 7440-28-0 THALLIUM	Case No: 36335 NRAS No: 267 SOII. Lab Sample ID: LOW Date Received: 95.3	Case No 36335 NRAS No	Case No. 36335 NRAS No.	DATACHEM LABORATORIES Contract:	

MH1Q06 (BGH-SS(22)-51) Lab Name DATACHEM LABORATORIES Contract: Lab Code 36335 NRAS No.. SDG NO МППРҮК Matrix (soil/water) son. Lab Sample ID: Level (low/med) Date Received % Solids: 88.6 Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No	Analyte	('oncentration	C	Ų	М
7429-90-5	ALUMINUM		Т		MS
7440-36-0	ANTIMONY	1.7	U		MS
7440-38-2	ARSENIC	3.1			MS
7440-39-3	BARIUM	35.5			MS
7440-41-7	BERYLLIUM	0.39	J.		MS
7440-43-9	CADMIUM	0.14	1		MS
7440-70-2	CALCIUM				MS
7440-47-3	CHROMIUM	9.9			MS
7440-48-4	COBALT	5.5	T = T		MS
7440-50-8	COPPER	14.1			MS
7439-92-1	LEAD	8.3			MS
7439-96-5	MANGANESE	274			MS
7439-97-6	MERCURY	0.016	J .		. CV
7440-02-0	NICKEL	13			MS
7440-09-7	POTASSIUM				MS
7782-49-2	SELENIUM	0.14	T.		MS
7440-22-4	SILVER	0.23	U		MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	0.06	J.		MS
7440-62-2	VANADIUM	12			MS
7440-66-6	ZINC	31			MS

'olor Belore 'olor After	 Clarity Belore: Clarity After	 Texture Anthors:	
onincuts.			

USEPA - CLP IA - IN (c-form) INORGANIC ANALYSIS DATA SHEET

Divident turner
MIIIQ97
(BGH-SF(0.5)-72)

					(BGH-SF)	
Lab Name.	DATACHEM LAI	BORATORIES		Contract.		
Lab Code:		Case No ·	36335	NRAS No	SDG NO.	MHIPYR
Matrix (soil/water). SOIL			Lab Sample II):		
Level (low/med)	LOW			Date Received.		
% Solids. 9	00.6					
- Concentration Uni	its (ug/L, or mg/kg d	lry weight):		мажа		

CAS No.	Analyte	Concentration	T c T	Q	М
7429-90-5	ALUMINUM		T		MS
7440-36-0	ANTIMONY	0.29	T i T		MS
7440-38-2	ARSENIC	9.8	$T_{-}T$		MS
7440-39-3	BARIUM	78.8	T -T		MS
7440-41-7	BERYLLIUM	0.47	1		MS
7440-43-9	CADMIUM	0.24	1		MS
7440-70-2	CALCIUM				MS
7440-47-3	CHROMIUM	17.7			MS
7440-48-4	COBALT	10.3			MS
7440-50-8	COPPER	24.1			MS
7439-92-1	LEAD	27.8			MS
7439-96-5	MANGANESE	477	1		MS
7439-97-6	MERCURY	0.015	J J		CV
7440-02-0	NICKEL	21.6			MS
7440-09-7	POTASSIUM		\top		MS
7782-49-2	SELENIUM	0.19	J		MS
7440-22-4	SILVER	0.14	J		MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	0.08	J		MS
7440-62-2	VANADIUM	19.5	T		MS
7440-66-6	ZINC	56.6			MS

Color Belore Color Alter	 Clarity Before Clarity Alter	Texture. Artifacts:	
Comments	 	 	
	 	 	

Toron R. (18 or John)

11.610%

1:PA SAMPLE NO

Torne 14 - 18 in Torne

H-NIO+

EPA SAMPLE NO

Lab Name:						M1110 (EG11-SB	
	DATACHEM LABO	RATORIES	Contract:		•	<u></u>	
Lab Code:		Case No. 36335	NRAS No.			SDG NO.:	мингу
Matrix (soil/water)	SOIL.		Lab Sample ID				
Level (low/med)	LOW		Date Received:	-			
% Solids: 9	1.9			_			
Concentration Unit	is (ug/L or mg/kg dry	weight):	MG/KG				
•	CAS No	Analyte	Concentration	C	7 0	М	
	7429-90-5	ALUMINUM		t –		MS	
	7440-36-0	ANTIMONY	0.2	ij	+	MS	
	7440-38-2	ARSENIC	7.2	ΙŤ	+	MS	
	7440-39-3	BARIUM	26,5	- -		MS	
	7440-41-7	BERYLLIUM	0.27	1	 	MS	
	7440-43-9	CADMIUM	0.07	1	† 	MS	
	7440-70-2	CALCIUM		<u> </u>		MS	
	7440-47-3	CHROMIUM	13.4	\vdash	T	MS	
	7440-48-4	COBALT	10		†	MS	
	7440-50-8	COPPER	22.7		†——	MS	
	7439-92-1	LEAD	12.5		1	MS	
	7439-96-5	MANGANESE	231			MS	
	7439-97-6	MERCURY	0.008	J	1	CV	
	7440-02-0	NICKEL	21.1		T	MS	
	7440-09-7	POTASSIUM			 	MS	
	7782-49-2	SELENIUM	0.76	U	1	MS	
	7440-22-4	SILVER	0.22	U		MS	
	7440-23-5	SODIUM			T	MS	
	7440-28-0	THALLIUM	0.02			MS	
	7440-62-2	VANADIUM	13.6			MS	
	7440-66-6	ZINC	41.6			MS	

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

						Ł	(BGH-SF)	
Lab Name	DATACHEM LABO	RATORIES		Contract		_		
Lab Code:		Case No	36335	NRAS No.:			SDG NO.:	MHIYC
Matria (soil/wa	ter): SOIL.	_						
Level (low/med): LOW			Date Received:				
% Solids	92			-				
Concentration (mits (ug/L or mg/kg dry	weight)		MCKC				
	CAS No	Analyte		Concentration	C.	Q	_ M	
	7429-90-5	ALUMINUM	\Box \Box		\top		MS	
	7440-36-0	ANTIMONY		0.12	J		MS	
	7440-38-2	ARSENIC	$-\Gamma$	4			MS	
	7440-39-3	BARIUM		47			MS	
	7440-41-7	BERYLLIUM		0.24]]		MS	
	7440-43-9	CADMIUM		0.15	J		MS	
	7440-70-2	CALCIUM			$\perp \perp$		MS	
	7440-47-3	CHROMIUM		8.1			MS	
	7440-48-4	COBALT		4			MS	
	7440-50-8	COPPER		10.2			MS	
	7439-92-1	LEAD		15.4			MS	
	7439-96-5	MANGANESI	9	246	1 - 1		MS	
	7439-97-6	MERCURY		0.021	J		CV	
	7440-02-0	NICKEL		7.9			MS	
	7440-09-7	POTASSIUM	I				MS	
	7782-49-2	SELENIUM		0.13	J		MS	
	7440-22-4	SILVER	\Box	0.17	J		MS	
	7440-23-5	SODIUM	$ \square$		آلـــــا		MS	
	7440-28-0	THALLIUM		0.04			MS	
	7440-62-2	VANADIUM		7.9			MS	
	7440-66-6	ZINC		36.6			MS	
Color Belore Color Alici	7440-66-6	ZINC Clarity Be		36.6		extore: outacts:	MS	
Comments								

Lab Name: D/						EPA SAMPI MIII' (BG11-SB	YC8
Late Charles	ATACHEM LABO	RATORIES	('ontract:	_			
Lan Code:		Case No	36335 NRAS No			SDG NO	MHIYC7
Matrix (soil/water):	SOIL		Lab Sample ID).			
Level (low/med):	LOW		Date Received	. –			
6 Solids: 93.	ı			_			
Oncentration Units ((սբ/L or ողբ/kg dry	weight).	MG/KG				
1	CAS No	Analyte	Concentration	C	Q	М	
	7429-90-5	ALUMINUM	1 -	T	1	MS	
	7440-36-0	ANTIMONY	0.07	17		MS	
	7440-38-2	ARSENIC	2.3	1		MS	
	7440-39-3	BARIUM	20.7		i~	MS	
ł	7440-41-7	BERYLLIUN	0.15	1.1	<u> </u>	MS	
ľ	7440-43-9	CADMIUM	0.07	<u> </u>		MS	
i	7440-70-2	CALCIUM		_		MS	
i	7440-47-3	CHROMIUM	4	_		MS	•
1	7440-48-4	COBALT	3.3	1		MS	
j	7440-50-8	COPPER	5.5	T		MS	
ĺ	7439-92-1	LEAD	11.3	1		MS	
ľ	7439-96-5	MANGANES	E 99.9	1-		MS	
İ	7439-97-6	MERCURY	0.0099	7		CV	
ľ	7440-02-0	NICKEL	4.7			MS	
ľ	7440-09-7	POTASSIUM				MS	
1	7782-49-2	SELENIUM	0.13	1		MS	
Ī	7440-22-4	SILVER	0.21	Ü		MS	
	7440-23-5	SODIUM		1-1		MS	
	7440-28-0	THALLIUM	0.54	U		MS	
ŀ	7440-62-2	VANADIUM	4.5	\top		MS	
j	7440-66-6	ZINC	19.5	T		MS	

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

					. L	(BGH-SF)	
Lab Name:	DATACHEM LABOR	RATORIES	Contract:				_
Lab Code.		Case No : 36335	NRAS No			SDG NO.:	
Matrix (soil/wat	er) SOIL		Lab Sample 1D				
Level (low/med)	LOW		Date Received:				
% Solids:	89.5			_			
Concentration U	Inits (ug/L or mg/kg dry	weight).	MCVKG				
	CAS No	Analyte	Concentration	i e i	-	М	
			Concentration	├ ┷┼		MS	
	7429-90-5 7440-36-0	ANTIMONY	0.27	 		MS	
•			7.5			MS	
	7440-38-2	ARSENIC				MS	
•	7440-39-3	BARIUM	62.3 0.27	 		MS	
	7440-41-7	BERYLLIUM	0.21			MS	
	7440-43-9	CADMIUM	0.21	 ' 		MS	
	7440-70-2	CALCIUM	8.3	 		MS	
	7440-47-3	CHROMIUM COBALT	5.1	}		MS	
	7440-48-4		17.2	}		MS	
	7440-50-8 7439-92-1	COPPER	10.5	 		MS	
		LEAD MANGANESE	376			MS	
	7439-96-5		0.056			CV	
	7439-97-6	MERCURY	10.6	┝─┼		MS	
	7440-02-0	NICKEL.	10.0	├ ──┼		MS	
	7440-09-7	POTASSIUM	0.00	 		MS	
	7782-49-2	SELENIUM	0.22	1		MS MS	
	7440-22-4	SILVER	0.13	├		MS	
	7440-23-5	SODIUM	- 001	 +		MS	
	7440-28-0	THALLIUM	0.03				
	7440-62-2	VANADIUM	11	\vdash		MS	
	7440-66-6	ZINC	33.7	ــــــــــــــــــــــــــــــــــــــ		MS	
Color Belore:		Clanty Belove.		,	lexture.		
COMPLETE.							
Color Alter		Chanty Alter		— <i>'</i>	Vitilacts		

					_	EPA SAMPL	E NO
					ĺ	MIII (BGII-SB	
Lab Name: Da	ATACHEM LABO	RATORIES	Contract				
Lab Code		Case No 36335	NRAS No.:	_		SDG NO	MHIYC7
Matrix (soil/water):	SOIL		Lab Sample ID				
Level (low/med)	LOW		Date Received:				
% Solids: 87.	5						
Concentration Units	(ug/L or mg/kg dry	weight):	мажа				
	CAS No.	Analyte	Concentration	С	Ų	М	
	7429-90-5	ALUMINUM				MS	
	7440-36-0	ANTIMONY	0.18	J		MS	
	7440-38-2	ARSENIC	5			MS	
	7440-39-3	BARIUM	70.4			MS	
	7440-41-7	BERYLLIUM	0.28	J		MS	
	7440-43-9	CADMIUM	0.23	J		MS	
	7440-70-2	CALCIUM				MS	
	7440-47-3	CHROMIUM	9.5			MS	
	7440-48-4	COBALT	5.6			MS	
	7440-50-8	COPPER	14.6			MS	
	7439-92-1	LEAD	10.4			MS	
	7439-96-5	MANGANESE	529			MS	
ľ	7439-97-6	MERCURY	0.057			CV	
	7440-02-0	NICKEL.	11.3			MS	
	7440-09-7	POTASSIUM				MS	
	7782-49-2	SELENIUM	0.19	J		MS	
	7440-22-4	SILVER	0.08	J		MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM	0.04	j		MS	
	7440-62-2	VANADIUM	9.4			MS	
		ZINC	41.3			MS	

olor Belore		Clarity Before Clarity After	 Texture Artifacts:	
omin nis	~		 	

USEPA - CLP 1A - IN (c-form) INORGANIC ANALYSIS DATA SHEET

							(BGH-SF	
Lab Name: DA	TACHEM LABO	ORATORIES		Contract:				
Lah Code:		Case No.	36335	NRAS No			SDG NO.:	MHIYC7
Matrix (soil/water):	SOIL			Lab Sample ID:				
Level (low/med):	LOW			Date Received	_			
% Solids: 93.6								
Concentration Units (i	ıg/l. or mg/kg dr	y weight):		MG/KG				
_								
[CAS No.	Anuly	yte '	Concentration	$-c$ \top	Ų	- М	
Ī	7429-90-5	ALUMINU	JM		oxdot		MS	
1	7440-36-0	ANTIMON	IV	0.13	$\overline{}$		MS	

CAS No.	Analyte	Concentration	c	Q	м
7429-90-5	ALUMINUM		TT		MS
7440-36-0	ANTIMONY	0.13	J	-	MS
7440-38-2	ARSENIC	9.4	1 1		MS
7440-39-3	BARIUM	55.8			MS
7440-41-7	BERYLLIUM	0.41	J		MS
7440-43-9	CADMIUM	0.11	J		MS
7440-70-2	CALCIUM		T = T		MS
7440-47-3	CHROMIUM	11.9	 		MS
7440-48-4	COBALT	6.6			MS
7440-50-8	COPPER	16.9			MS
7439-92-1	LEAD	25.1	1		MS
7439-96-5	MANGANESE	306			MS
7439-97-6	MERCURY	0.026			CV
7440-02-0	NICKEL	15.8			MS
7440-09-7	POTASSIUM		1		MS
7782-49-2	SELENIUM	0.14	7.		MS
7440-22-4	SILVER	0.21	U		MS
7440-23-5	SODIUM		1		MS
7440-28-0	THALLIUM	0.05			MS
7440-62-2	VANADIUM	14			MS
7440-66-6	ZINC	38.8	1 - 1		MS

Color Below	 Clarity Before	 Texture	
Color Alter	 Clarity After:	 Artifacts:	
Comments	 	 	

ah Name		MP A TVANA III III	0			MIII (BGH-SE	YD2
	DATACHEM LABO		Contract				
ab Code —		Case No : 36335	NRAS No.:			SDG NO:	MHIYC
Aatrix (soil/water)	son.		Lab Sample ID:				_
evel (low/med)	LOW		Date Received:				
F Solids: R	71			_			
oncentration Unit	s (ug/), or mg/kg dry	weight):	MG/KG				
	CAS No.	Analyte	Concentration	С	Q	М	
	7429-90-5	ALUMINUM				MS	
	7440-36-0	ANTIMONY	0.19	J		MS	
	7440-38-2	ARSENIC	8.5			MS	
	7440-39-3	BARIUM	72.8			MS	
	7440-41-7	BERYLLIUM	0.46	7		MS	
	7440-43-9	CADMIUM	0.17	J		MS	
	7440-70-2	CALCIUM				MS	
	7440-47-3	CHROMIUM	14.5			MS	
	7440-48-4	COBALT	8			MS	
	7440-50-8	COPPER	18.3			MS	
	7439-92-1	LEAD	15.6			MS	
	7439-96-5	MANGANESE	397			MS	
	7439-97-6	MERCURY	0.017	7		CV	
	7440-02-0	NICKEL	17.9			MS	
	7440-09-7	POTASSIUM				MS	
•	7782-49-2	SELENIUM	0.14	7		MS	
	7440-22-4	SILVER	0.23	U		MS	
	7440-23-5	SODIUM				MS	
	7440-28-0	THALLIUM	0.06	- , 		MS	
	7440-62-2	VANADIUM	17.3			MS	
	7440-66-6	ZINC	38.7			MS	

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

_	EPA SAMPLE ART
Г	M111 YD3
ı	(BGH-SF(0.5)-67)

					(PGII-ar	(0.5)-07)
Lab Name. DAT	TACHEM LAB	BORATORIES		Contract	<u> </u>	
Lab Code:		Case No.:	36335	NRAS No.:	SDG NO.:	MIIIY07
Matrix (soil/water)	SOIL	_		Lab Sample ID:		
Level (low/med):	LOW			Date Received		
% Solids: 85.9						
C		lan manday.		MCWC		

CAS No.	Analyte	Concentration	C	Q	М
7429-90-5	ALUMINUM				MS
7440-36-0	ANTIMONY	0.15]]		MS
7440-38-2	ARSENIC	13.2			MS
7440-39-3	BARIUM	1.88	1 - 1		MS
7440-41-7	BERYLLIUM	0.74	I = I		MS
7440-43-9	CADMIUM	0.34] 1		MS
7440-70-2	CALCIUM				MS
7440-47-3	CHROMIUM_	19.2	$T \perp$		MS
7440-48-4	COBALT	9.8	1		MS
7440-50-8	COPPER	22.1	I = I		MS
7439-92-1	LEAD	15.3			MS
7439-96-5	MANGANESE	501	$\Gamma \perp \Gamma$		MS
7439-97-6	MERCURY	0.022			CV
7440-02-0	NICKEL	23.1			MS
7440-09-7	POTASSIUM		$\mathbf{I} = \mathbf{I}$		MS
7782-49-2	SELENIUM	0.25	į į		MS
7440-22-4	SILVER	0.23	Ü		MS
7440-23-5	SODIUM				MS
7440-28-0	THALLIUM	0.11	J		MS
7440-62-2	VANADIUM	23.4			MS
7440-66-6	ZINC	57.8			MS

Color Before	 Clarity Before Clarity Alter	 Texture Audacts:	
v biol Anci	 C Ignty Price		
Comments	 <u>-</u> _	 	
	 	 	·

INORGANIC ANALYSIS DATA SHEET LPA SAMPLE NO MILLADA (BGH-SB(2)-67) Lab Name. DATACHEM LABORATORIES Contract: 36335 NRAS No.: MHIYC7 Lab Code: SOG NO: Matrix (soil/water): SOIL Lab Sample 40. LOW Level (low/med): Date Received: % Solids MG/KG Concentration Units (ug/l, or mg/kg dry weight). CAS No Analyte Concentration C м 7429-90-5 ALUMINUM MS 7440-36-0 ANTIMONY 0.17 MS 7440-38-2 ARSENIC 7.7 MS BARIUM 78.6 7440-39-3 MS 7440-41-7 BERYLLIUM 0.55 MS J 7440-43-9 CADMIUM 0.19 MS J 7440-70-2 CALCIUM MS 7440-47-3 CHROMIUM 19.1 MS 7440-48-4 COBALT 9.9 MS 7440-50-8 COPPER 20.5 MS 7439-92-1 LEAD 13.1 MS MANGANESE 7439-96-5 520 MS MERCURY 7439-97-6 0.014 CV 7440-02-0 NICKEL 24.3 MS 7440-09-7 POTASSIUM MS 7782-49-2 SELENIUM 0.23 MS 7440-22-4 SILVER 0.23 U MS 7440-23-5 SODIUM MS 7440-28-0 THALLIUM 0.08 J MS 7440-62-2 VANADIUM 20.9 MS 7440-66-6 ZINC 43 MS

Color Before.	Clarity Before:		Texture.	
Color After	Clarity After		Artifacts:	
Comments				
				

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

						_	EPA SAMP	
						1	MIII (BGH-SF	
Lab Name:	DATACHEM LABO	RATORIES	(ontract				
Lab Code:		Case No	16335 N	RAS No :			SDG NO:	MHIYC
Matrix (soil/water)	: SOIL	_	Lab S	ample ID		_		
_evel (low/med):	LOW		Date I	teceived:				
Solids: 9	7.8			_				
Concentration Um	ts (ug/1. or mg/kg dry	weight)	MG/KG					
	CAS No.	Analyte	Concent	ation (1	Q	М	
	7429-90-5	ALUMINUM					MS	
	7440-36-0	ANTIMONY	0.2]			MS	
	7440-38-2	ARSENIC	3.2		1		MS	
	7440-39-3	BARIUM	41.2				MS	
	7440-41-7	BERYLLIUM	0.2				MS	
	7440-43-9	CADMIUM	0.12	: 1	 		MS	
	7440-70-2	CALCIUM					MS	
	7440-47-3	CHROMIUM	4.6		1		MS	
	7440-48-4	COBALT	3.1		1		MS	
	7440-50-8	COPPER	7.6				MS	
	7439-92-1	LEAD	8.1				MS	
	7439-96-5	MANGANESI	188				MS	
	7439-97-6	MERCURY	0.026	,	1		Ċ۷	
	7440-02-0	NICKEL	5.6				MS	
	7440-09-7	POTASSIUM					MS	
	7782-49-2	SELENIUM	0.72	U	 		MS	
	7440-22-4	SILVER	0.32				MS	
•	7440-23-5	SODIUM					MS	
	7440-28-0	THALLIUM	0.51	U			MS	
	7440-62-2	VANADIUM	6.5		 		MS	
	7440-66-6	ZINC	22.2				MS	

B-NIDs -

EPA SAMPLE NO

						MILL (BG11-SB	
Lab Name:	DATACHEM LABO	RATORIES	Contract:		_		
Lab Code:		Case No. 36335	NRAS No.:			SDG NO.:	MHIYC7
Matrix (soil/water)	: SOIL		Lab Sample ID				
Level (low/med):	LOW		Date Received:				
% Solids: 9	05						
Concentration Uni	ts (ug/L, or mg/kg dry	weight).	MO/KG				
	CAS No.	Analyte	Concentration	Тет	0	м	
	7429-90-5	ALUMINUM		1		MS	
	7440-36-0	ANTIMONY	0.13	1,1		MS	
	7440-38-2	ARSENIC	3.2	1		MS	
	7440-39-3	BARIUM	23.3			MS	
	7440-41-7	BERYLLIUM	0.22	T J		MS	

7440-43-9 CADMIUM 0.03 MS CALCIUM 7440-70-2 MS 7440-47-3 CHROMIUM 8.01 MS 7440-48-4 MS COBALT 7440-50-8 COPPER 12.1 MS 7439-92-1 LEAD 9 MS 7439-96-5 MANGANESE 72.8 MS 7439-97-6 MERCURY 1800.0 J CV 7440-02-0 NICKEL 15 MS 7440-09-7 POTASSIUM MS 7782-49-2 SELENIUM 0.74 MS 7440-22-4 J SILVER 0.07 MS 7440-23-5 MS SODIUM 7440-28-0 THALLIUM 0.53 U MS 7440-62-2 VANADIUM 11.4 MS 7440-66-6 ZINC 24.8 MS

Comments	Color Belore.	 Clarity Before: Clarity After	 Texture. Artifacts.	
	Comments:	 		

USEPA - CLP 1A - IN (e-form) INORGANIC ANALYSIS DATA SHEET

Tal At SAMPH PALLACE
MILLADS
(BGH-88(20)-55)

Lab Name: Da	ATACHEM LABO	PRATORIES		Contract:		
Lab Code:		Case No.	36335	NKAS No.:	 SDG NO.	MH1Y('7
Matrix (scil/water):	SOIL			Lab Sample ID:	 •	
Level (low/med):	LOW			Date Received.	 	
% Solids 78.6	5				 	

MG/KG

Concentration thats (ug/L or mg/kg dry weight):

CAS No	Analyte	Concentration	С	Q	М
7429-90-5	ALUMINUM		T		MS
7440-36-0	ANTIMONY	0.24		-	MS
7440-38-2	ARSENIC	23.5			MS
7440-39-3	BARIUM	88.6			MS
7440-41-7	BERYLLIUM	0.35	111		MS
7440-43-9	CADMIUM	0.12	J.		MS
7440-70-2	CALCIUM				MS
7440-47-3	CHROMIUM	19.6			MS
7440-48-4	COBALT	15.4			MS
7440-50-8	COPPER	30.5			MS
7439-92-1	LEAD	15			MS
7439-96-5	MANGANESE	474			MS
7439-97-6	MERCURY	0.008	J		ĈΫ
7440-02-0	NICKEL	25,4			MS
7440-09-7	POTASSIUM		1 1		MS
7782-49-2	SELENIUM	0.8	7		MS
7440-22-4	SILVER	0.13	J		MS
7440-23-5	SODIUM				MS
744()-28-0	THALLIUM	0.27	1		MS
7440-62-2	VANADIUM	26	1 -1		MS
7440-66-6	ZINC	45	† †		MS

Color Belore:	 Clarity Before:	 Texture:	
Color After.	 Clarity After	 Artifacts:	
Comments			

LPA SAMPLE NO

					Ĺ	(BGH-SS	
Lab Name:	DATACHEM LABO	RATORIES	Contract [*]				
Lah Code:	e: Case No.: 36335 NRAS No.:			SDG NO.	мин		
Matrix (soil/wate	er) SOIL		Lah Sumple (D:				
Level (low/med):	LOW		Date Received:				
% Solids	93.6						
		<u> </u>					
Concentration Ur	nits (ug/L or mg/kg dry	weight)	MG/KG				
	CAS No	Analyte	Concentration	Tell		М	
	7429-90-5	ALUMINUM		i i		MS	
	7440-36-0	ANTIMONY	0.16	 		MS	
	7440-38-2	ARSENIC	3.3	+ - +		MS	
	7440-39-3	BARIUM	11.9	7 - 1		MS	
	7440-41-7	BERYLLIUM	0.09	1, 1		MS	
	7440-43-9	CADMIUM	0.02	 		MS	
	7440-70-2	CALCIUM		+		MS	
	7440-47-3	CHROMIUM	6.1	+		MS	
	7440-48-4	COBALT	6.3	+		MS	
	7440-50-8	COPPER	11.1	+		MS	
	7439-92-1	LEAD	7.2	+		MS	
	7439-96-5	MANGANESE	144	+		MS	
	7439-97-6	MERCURY	0.0037	1-1		CV	
	7440-02-0	NICKEL	10.1	 - 		MS	
	7440-09-7	POTASSIUM		 		MS	
	7782-49-2	SELENIUM	0.75	101		MS	
	7440-22-4	SILVER	0.2	 		MS	
	7440-23-5	SODIUM		 		MS	
	7440-28-0	THALLIUM	0.53	l u l		MS	
	7440-62-2	VANADIUM	4.9	+		MS	
	7440-66-6	ZINC	23	t		MS	
olor Betore.		Clarity Below		т	rxime.		
olor Atter		Clarity After:		Α.	rtifacts		
one AIRI		_ vany met		<u> </u>			
numents.				<u></u>		- -	
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